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ILLUSTRATED CATALOGUE OF THE MOLLUSCA (GASTROPODA AND BIVALVIA) IN THE ATLANTIC GEOSCIENCE CENTRE INDEX COLLECTION

Frances J.E. Wagner

Canada

1984

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Introduction

This catalogue contains a listing of all species in the Atlantic Geoscience Centre Index Collection of molluscs to the end of 1981. The Index Collection was begun early in 1981 to provide comparative material as an aid to identification of the marine gastropods and bivalves of the Arctic and western Atlantic Canadian waters. In the collection, species are grouped by area. This volume covers collections from Beaufort Sea, Exeter Bay (off Baffin Island), Labrador Shelf, Baie des Chaleurs, Miramichi Inner Bay, Strait of Canso, Gulf of Maine and Bay of Fundy. Supplementary volumes are anticipated as the collection continues to expand.

The catalogue is in two parts. Part I is an alphabetical listing giving the catalogue number and locality for each species represented in the Index Collection. This listing is cross-referenced to the illustrated, taxonomic listing in the second part of the catalogue. The taxonomic arrangement followed is primarily that presented in Abbott (1974). In a few cases, more recent works have been followed for generic and subgeneric designations. Sources of these usages, and of synonyms and original designations of species are cited at the end of Part II.

Introduction

Le présent catalogue renferme la liste de toutes les espèces de mollusques comprises, à la fin de 1981, dans la Collection-index du Centre géoscientifique de l'Atlantique. La préparation de cette collection, commencée au début de 1981, avait pour but de créer une base de comparaison qui faciliterait l'identification des gastropodes et des bivalves marins trouvés dans les eaux canadiennes de l'Arctique et de l'ouest de l'Atlantique. Les espèces faisant partie de la collection sont groupées par région. Ce premier volume présente des collections de mollusques recueillis dans la mer de Beaufort et la baie Exeter (au large de l'île de Baffin), sur le plateau continental du Labrador, dans la baie des Chaleurs, la baie Miramichi, le détroit de Canso, le golfe du Maine et la baie de Fundy. On s'attend à produire d'autres volumes au fur et à mesure que la collection prendra de l'ampleur.

Le catalogue est divisé en deux parties. La première contient une liste alphabétique, indiquant le numéro de catalogue et l'emplacement de l'habitat de chaque espèce représentée dans la Collection-index. La liste en queston renvoie à la liste taxinomique et illustrée offerte dans la deuxième partie. La taxinomie adoptée pour le volume correspond essentiellement à celle présentée dans Abbott (1974). À quelques occasions, des classifications plus récentes ont été utilisées pour désigner les genres et les sous-genres. Les sources de ces usages, des synonymes et des désignations originales de ces espèces sont citées à la fin de la Partie II.

The illustrations are provided to indicate the state of preservation of representatives of the various species in the Index Collection; they are not intended as an absolute means of identification. For most species well-preserved specimens are available. However, in some cases the situation is otherwise. A person wishing to make use of the Collection could therefore, by looking at these illustrations, know in advance whether or not the index specimens on hand would be useful for identification and comparison of his or her particular suite of specimens.

Repository for the Index Collection is with the Environmental Marine Geology Subdivision of the Geological Survey's Atlantic Geoscience Centre at the Bedford Institute of Oceanography, Dartmouth, Nova Scotia. Illustrated specimens become part of the Geological Survey of Canada Type Collection, Ottawa, but are at present retained in the AGC Index Collection. The Collection is accompanied by a species file and by a file presenting distribution and ecological data for the species represented.

Illustrations are the work of the Photography unit of the Bedford Institute of Oceanography, and of Miss Judith Haines.

Les illustrations fournies servent à indiquer l'état de conservation de représentants des différentes espèces de la Collection-index et ne doivent pas être considérées comme un moyen absolu d'identification. La collection comprend des individus bien conservés de la plupart des espèces. La situation est cependant différente dans d'autres cas. L'individu désireux d'utiliser la Collection pourrait donc à l'examen des illustrations savoir d'avance si les échantillons de l'index peuvent lui servir à identifier et à comparer les spécimens de sa série particulière.

La Sous-division de la géologie marine et environnementale du Centre géoscientifique de l'Atlantique (CGA), organisme relevant de la Commission géologique, est le dépositaire de la Collection-index à l'Institut océanographique Bedford, à Dartmouth, en Nouvelle-Écosse. Les spécimens illustrés appartiennent à la Collection-type de la Commission géologique du Canada, à Ottawa, mais sont actuellement conservés à l'intérieur de la Collection-index du CGA. La collection comprend également un fichier sur les espèces et un fichier présentant des données sur la répartition et l'écologie des espèces représentées.

Les illustrations sont l'œuvre du Service de photographie de l'Institut océanographique Bedford et de Mlle Judith Haines.

PART I

Alphabetical listing of species of gastropods and bivalves in the Index Collection.

GASTROPODA

Acirsa costulata (Mighels and Adams) [page 27][1]

173	Bay of Fundy	45°10.2′N; 65°31.2′W	70 m
174	Bay of Fundy	45°18.5′N; 64°56.4′W	27 m

Acmaea testudinalis (Müller) [page 19]

438	Strait of Canso	45°39.13′N; 61°25.32′W	17 m
439	Strait of Canso	45°33.2′N; 61°17.2′W	2 m

Acteocina canaliculata (Say) [page 43]

314	Miramichi Inner Bay	47°07.5′N; 65°06.05′W	7 m
315	Miramichi Inner Bay	47°06.8′N; 65°13.5′W	3.5 m
457	Strait of Canso	45°34.0′N; 61°15.2′W	10 m

Alvania janmayeni (Friele) [page 24]

42	Beaufort Sea	70°25.0′N; 135°15.9′W	58 m
166	Bay of Fundy	44°59.8′N; 65°30.8′W	69.5 m

Alvania pelagica (Stimpson) [page 24]

167	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m

Amauropsis purpurea Dall [page 32]

48	Beaufort Sea	69°52.25′N; 131°44.03′W	10 m

Aporrhais occidentalis (Beck) [page 29]

8	Labrador Shelf	54°42.98′N; 57°17.8′W	73 m
179[2]	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
505	Baie des Chaleurs	48°10.6′N; 64°51.0′W	40 m

Beringius ossiani (Friele)? [page 35]

546	Exeter Bay	66°26.55′N; 61°26.08′W	64 m

Boreotrophon clathratus (Linné) [page 32]

12	Labrador Shelf	54°41.26′N; 57°13.26′W	66 m
337	Bay of Fundy	44°32.5′N; 66°34.0′W	179 m
424	Gulf of Maine	44°25.0′N; 66°43.2′W	87.8 m

Boreotrophon fabricii (Möller) [page 32]

11	Labrador Shelf	54°40.3′N; 57°12.15′W	62 m
136	Labrador Shelf	54°39.4′N; 57°08.7′W	62 m

Boreotrophon truncatus (Strøm) [page 33]

190	Bay of Fundy	44°59.0′N; 65°23.8′W	73 m

Buccinum ciliatum (Fabricius) [page 34]

338	Bay of Fundy	44°06.5′N; 66°38.5′W	109 m

[1] Refers to Taxonomic citation in Part II.

[2] ?Aporrhais occidentalis

Buccinum plectrum Stimpson [page 34]

192	Bay of Fundy	44°55.4′N; 65°.24.5′W	64 m

Buccinum tenue Gray [page 34]

13	Labrador Shelf	54°40.3′N; 57°12.15′W	62 m
507	Baie des Chaleurs	48°01.34′N; 64°44.56′W	76 m

Buccinum undatum Linné [page 35]

14	Labrador Shelf	54°53.2′N; 56°57.9′W	366 m

Calliostoma occidentale (Mighels and Adams) [page 22]

163	Bay of Fundy	44°32.0′N; 66°33.0′W	166.4 m

Cingula aculeus Gould [page 25]

445	Strait of Canso	45°39.13′N; 61°25.32′W	17 m

Cingula castanea alaskana Dall [page 24]

43	Beaufort Sea	69°47.0′N; 137°32.0′W	66 m
50	Beaufort Sea	69°45.6′N; 130°03.5′W	11.6 m

Colus lachesis (Mörch) [page 37]

137	Labrador Shelf	55°00.95′N; 56°54.4′W	199 m

Colus lividus (Mörch) [page 36]

425	Gulf of Maine	43°17.0′N; 66°24.0′W	71.3 m
426	Gulf of Maine	44°16.5′N; 66°38.8′W	206.7 m

Colus pubescens (Verrill) [page 36]

193	Bay of Fundy	44°14.7′N; 66°14.4′W	32.9 m
194	Bay of Fundy	44°41.0′N; 66°25.5′W	183 m
195	Bay of Fundy	45°06.0′N; 66°05.45′W	78.6 m

Colus spitzbergensis (Reeve) [page 37]

15	Labrador Shelf	54°55.1′N; 57°05.9′W	241 m
196	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
197[1]	Bay of Fundy	44°26.6′N; 66°21.5′W	166.4 m

Colus stimpsoni (Mörch) [page 36]

198	Bay of Fundy	44°08.7′N; 66°15.6′W	31.1 m
199	Bay of Fundy	44°15.9′N; 66°16.75′W	42 m

Colus togatus (Mörch)? [page 37]

62	Beaufort Sea	70°18.4′N; 137°38.8′W	88 m

Crepidula fornicata (Linné) [page 29]

303	Miramichi Inner Bay	47°05.87′N; 65°04.12′W	6 m

Crepidula plana Say [page 29]

304	Miramichi Inner Bay	47°07.5′N; 65°06.05′W	7 m

Crucibulum striatum (Say) [page 28]

177	Bay of Fundy	45°07.1′N; 65°58.3′W	73.2 m
178	Bay of Fundy	45°11.6′N; 65°47.4′W	62 m

Cylichna alba (Brown) [page 43]

341	Bay of Fundy	44°06.5′N; 66°38.5′W	109 m
436	Gulf of Maine	44°00.0′N; 66°27.7′W	85 m
437	Gulf of Maine	43°00.0′N; 66°51.2′W	153.6 m
458	Strait of Canso	45°32.2′N; 61°15.0′W	37 m
459	Strait of Canso	45°32.5′N; 61°17.7′W	44 m
548	Exeter Bay	66°28.2′N; 61°22.75′W	90 m

[1] C. spitzbergensis ?

Cylichna gouldii (Couthouy) [page 43]

58	Beaufort Sea	69°22.1′N; 138°04.8′W	47 m
59	Beaufort Sea	69°58.0′N; 137°00.0′W	38 m
61	Beaufort Sea	69°47.42′N; 133°05.12′W	9.5 m

Diastoma alternatum (Say) [page 27]

448	Strait of Canso	45°38.2′N; 61°24.4′W	19 m

Epitonium greenlandicum (Perry) [page 27]

175	Bay of Fundy	44°31.4′N; 66°24.5′W	190.2 m
410	Gulf of Maine	43°34.0′N; 66°25.0′W	85.9 m
411	Gulf of Maine	43°17.0′N; 66°24.0′W	71.3 m
412	Gulf of Maine	44°26.6′N; 66°49.0′W	113.4 m

Epitonium greenlandicum forma *lovenii* A. Adams [page 28]

413	Gulf of Maine	44°00.0′N; 66°27.7′W	85 m
414	Gulf of Maine	43°17.0′N; 66°24.0′W	71.3 m

Hydrobia totteni Morrison [page 25]

168	Bay of Fundy	44°08.7′N; 66°15.6′W	31.1 m
332	Miramichi Inner Bay	47°05.04′N; 65°10.37′W	5 m
446	Strait of Canso	45°33.3′N; 61°17.5′W	2 m
447	Strait of Canso	45°35.0′N; 61°21.1′W	3 m

Lacuna vincta (Montagu) [page 23]

442	Strait of Canso	45°33.2′N; 61°17.2′W	2 m

Lepeta caeca (Müller) [page 20]

39	Beaufort Sea	70°21.5′N; 137°33.0′W	72-131 m
133	Labrador Shelf	54°44.3′N; 57°11.1′W	73 m
499	Baie des Chaleurs	48°13.51′N; 64°44.12′W	46 m
500	Baie des Chaleurs	48°10.60′N; 64°51.00′W	40 m

Limacina lesueurii (d'Orbigny) [page 44]

209	Bay of Fundy	44°41.0′N; 66°25.5′W	183 m

Lischkeia ottoi (Philippi) [page 21]

407	Gulf of Maine	43°17.0′N; 66°24.0′W	71.3 m

Littorina littorea (Linné) [page 23]

165	Bay of Fundy	44°20.9′N; 66°12.5′W	32.9 m

Littorina saxatilis (Olivi) [page 23]

302	Miramichi Inner Bay	47°05.12′N; 65°20.17′W	1.5 m
443	Strait of Canso	45°33.3′N; 61°17.5′W	2 m
444	Strait of Canso	45°33.0′N; 61°12.8′W	12 m

Lunatia pallida (Broderip and Sowerby) [page 31]

9	Labrador Shelf	54°47.7′N; 57°04.4′W	142 m
47	Beaufort Sea	70°41.0′N; 128°19.0′W	29 m
184	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
185	Bay of Fundy	45°10.2′N; 65°31.2′W	70 m
187	Bay of Fundy	44°55.5′N; 66°33.0′W	78.6 m
305	Miramichi Inner Bay	47°11.67′N; 65°06.55′W	4.25 m
306	Miramichi Inner Bay	47°07.5′N; 65°06.05′W	7 m
419	Gulf of Maine	43°12.8′N; 66°16.5′W	109.7 m
420	Gulf of Maine	43°12.3′N; 66°24.0′W	87.8 m

Lunatia triseriata (Say) [page 31]			
186	Bay of Fundy	44°20.9′N; 66°12.5′W	32.9 m
307	Miramichi Inner Bay	47°06.8′N; 65°13.5′W	3.5 m
Margarites costalis (Gould) [page 20]			
2	Labrador Shelf	54°46.97′N; 57°01.1′W	124.1 m
134	Labrador Shelf	54°09.12′N; 56°43.02′W	91 m
160	Bay of Fundy	45°33.8′N; 64°49.0′W	33 m
406	Gulf of Maine	44°12.3′N; 66°24.0′W	87.8 m
501	Baie des Chaleurs	48°00.60′N; 64°58.15′W	75 m
Margarites groenlandicus (Gmelin) [page 21]			
161	Bay of Fundy	44°37.2′N; 66°30.0′W	199.3 m
502	Baie des Chaleurs	48°05.08′N; 64°16.53′W	24 m
543	Exeter Bay	66°29.2′N; 61°28.08′W	73 m
Margarites olivaceus (Brown) [page 20]			
40	Beaufort Sea	70°40.0′N; 129°24.4′W	20.7 m
Mitrella lunata (Say) [page 33]			
309	Miramichi Inner Bay	47°07.5′N; 65°06.05′W	7 m
449	Strait of Canso	45°39.08′N; 61°25.89′W	40 m
Mitrella rosacea (Gould) [page 33]			
191	Bay of Fundy	45°05.0′N; 65°39.0′W	73 m
Moelleria costulata (Möller) [page 22]			
164	Bay of Fundy	45°18.5′N; 64°56.4′W	27 m
440	Strait of Canso	45°33.0′N; 61°17.0′W	10 m
441	Strait of Canso	45°30.7′N; 61°11.5′W	9 m
Nassarius trivittatus (Say) [page 38]			
201	Bay of Fundy	44°08.7′N; 66°15.6′W	31.1 m
202	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
203	Bay of Fundy	45°21.5′N; 65°23.6′W	46 m
310	Miramichi Inner Bay	47°07.5′N; 65°06.05′W	7 m
311	Miramichi Inner Bay	47°06.8′N; 65°13.5′W	3.5 m
450	Strait of Canso	45°34.4′N; 61°17.1′W	6 m
451	Strait of Canso	45°30.7′N; 61°11.5′W	9 m
Natica clausa Broderip and Sowerby [page 30]			
10	Labrador Shelf	54°41.0′N; 57°11.13′W	80 m
189	Bay of Fundy	45°06.0′N; 66°05.45′W	78.6 m
308	Miramichi Inner Bay	47°04.89′N; 65°10.46′W	4 m
421	Gulf of Maine	44°25.0′N; 66°43.2′W	87.8 m
422	Gulf of Maine	43°50.3′N; 66°58.0′W	171.9 m
423	Gulf of Maine	43°05.0′N; 67°11.5′W	223 m
545	Exeter Bay	66°23.43′N; 61°18.41′W	124 m
Neptunea decemcostata (Say) [page 38]			
200	Bay of Fundy	45°06.8′N; 65°49.2′W	84 m
Neptunea heros (Gray) [page 38]			
148	Beaufort Sea	67°41.08′N; 133°01.37′W	6.5 m
149[1]	Beaufort Sea	67°41.08′N; 133°01.37′W	6.5 m
Odostomia cassandra Bartsch [page 42]			
57	Beaufort Sea	71°17.5′N; 129°10.6′W	47 m

[1] N. heros ?

Oenopota arctica (Adams) [page 40]

53	Beaufort Sea	70°07.4′N; 131°34.1′W	21 m
547	Exeter Bay	66°26.26′N; 61°25.00′W	71 m

Oenopota declivis (Lovén) [page 40]

339	Bay of Fundy	43°46.0′N; 66°49.0′W	146 m
340	Bay of Fundy	44°16.6′N; 66°58.7′W	67 m
429	Gulf of Maine	44°28.5′N; 66°40.0′W	173.7 m
430	Gulf of Maine	44°16.5′N; 66°38.8′W	206.7 m
431	Gulf of Maine	43°07.0′N; 66°44.3′W	118.9 m
432	Gulf of Maine	43°36.5′N; 66°51.3′W	129.8 m
433	Gulf of Maine	43°25.3′N; 67°23.6′W	201.2 m

Oenopota decussata (Couthouy) [page 41]

16	Labrador Shelf	54°42.38′N; 57°13.71′W	84 m
56	Beaufort Sea	69°36.0′N; 137°20.0′W	44 m

Oenopta harpularia (Couthouy) [page 41]

204	Bay of Fundy	44°08.7′N; 66°15.6′W	31.1 m

Oenopota incisula (Verrill) [page 41]

453	Strait of Canso	45°32.5′N; 61°17.7′W	44 m
454	Strait of Canso	45°35.6′N; 61°22.4′W	6.2 m
455	Strait of Canso	45°33.9′N; 61°20.7′W	41 m

Oenopota reticulata (Brown) [page 42]

17	Labrador Shelf	54°06.1′N; 56°53.7′W	109 m

Polinices nanus (Möller) [page 31]

188	Bay of Fundy	44°41.0′N; 66°25.5′W	183 m

Propebela cancellata (Mighels and Adams) [page 39]

204	Bay of Fundy	44°08.7′N; 66°15.6′W	31.1 m

Propbela gouldii (Verrill) [page 39]

205	Bay of Fundy	44°08.7′N; 66°15.6′W	31.1 m

Propebela novajasemliensis (Leche) [page 39]

54	Beaufort Sea	70°03.4′N; 134°28.4′W	23 m
55	Beaufort Sea	69°47.3′N; 135°31.2′W	22 m

Propebela turricula (Montagu) [page 40]

52	Beaufort Sea	70°10.0′N; 128°35.7′W	16.75 m
138	Labrador Shelf	54°39.4′N; 57°08.7′W	62 m
206	Bay of Fundy	44°08.7′N; 66°15.6′W	31.1 m
207	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
427	Gulf of Maine	43°12.3′N; 66°24.0′W	87.8 m
428	Gulf of Maine	43°09.4′N; 67°11.1′W	204.8 m
452	Strait of Canso	45°33.0′N; 61°17.0′W	10 m
456	Strait of Canso	45°37.22′N; 61°23.55′N	14 m
508	Baie des Chaleurs	48°13.51′N; 64°44.12′N	46 m

Propebela sp.

51	Beaufort Sea	70°31.8′N; 130°41.6′W	25 m

Puncturella noachina (Linné) [page 19]

1	Labrador Shelf	54°44.8′N; 57°09.37′W	110 m
156	Bay of Fundy	44°31.4′N; 66°24.5′W	190.2 m
157	Bay of Fundy	45°06.0′N; 66°05.45′W	78.6 m

158	Bay of Fundy	45°05.0′N; 65°.39.0′W	73 m
159	Bay of Fundy	45°18.5′N; 64°56.4′W	27 m
402	Gulf of Maine	43°17.0′N; 66°24.0′W	71.3 m
403	Gulf of Maine	44°25.0′N; 66°43.2′W	87.8 m
404	Gulf of Maine	44°25.8′N; 66°40.0′W	173.7 m
405	Gulf of Maine	44°14.8′N; 66°55.0′W	184.7 m
497	Baie des Chaleurs	48°23.35′N; 64°29.20′W	17 m
498	Baie des Chaleurs	47°58.00′N; 64°43.00′W	22 m

? *Retusa umbilicata* Montagu [page 44]

60	Beaufort Sea	70°31.8′N; 130°41.6′W	25 m
124	Beaufort Sea	69°50.5′N; 138°18.0′W	198 m

Scaphander punctostriatus Mighels [page 44]

208	Bay of Fundy	44°41.0′N; 66°25.5′W	183 m

Skeneopsis planorbis (Fabricius) ? [page 25]

169	Bay of Fundy	43°58.3′N; 66°22.1′W	66 m

Solariella obscura (Couthouy) [page 21]

41	Beaufort Sea	71°11.8′N; 130°48.4′W	53.3 m
544	Bay of Fundy	66°26.55′N; 61°26.08′W	64 m

Solariella varicosa (Mighels and Adams) [page 22]

3	Labrador Shelf	54°47.7′N; 57°04.4′W	142 m
162	Bay of Fundy	44°14.7′N; 66°14.4′W	32.9 m

Tachyrhynchus erosus (Couthouy) [page 26]

4	Labrador Shelf	54°44.8′N; 57°09.37′W	110 m
5	Labrador Shelf	54°44.9′N; 57°05.6′W	131 m
44	Beaufort Sea	69°36.0′N; 138°24.0′W	124 m
170	Bay of Fundy	44°37.2′N; 66°30.0′W	199.3 m
408	Gulf of Maine	43°17.0′N; 66°24.0′W	71.3 m
503	Baie des Chaleurs	48°10.60′N; 64°51.00′W	40 m
504	Baie des Chaleurs	47°58.35′N; 65°08.62′W	85 m

Tachyrhynchus reticulatus (Mighels and Adams) [page 26]

6	Labrador Shelf	54°40.3′N; 57°12.15′W	62 m

Trichotropis borealis Broderip and Sowerby [page 28]

7	Labrador Shelf	54°43.18′N; 57°13.59′W	74 m
46	Beaufort Sea	71°17.5′N; 129°10.6′W	47 m
135	Labrador Shelf	54°40.3′N; 57°12.15′W	62 m
176	Bay of Fundy	44°41.0′N; 66°25.5′W	183 m
415	Gulf of Maine	44°25.0′N; 66°43.2′W	87.8 m
416	Gulf of Maine	43°09.2′N; 66°44.2′W	128 m
417	Gulf of Maine	43°36.5′N; 66°51.3′W	129.8 m

Turbonilla interrupta (Totten) [page 42]

312	Miramichi Inner Bay	47°11.67′N; 65°06.55′W	4.25 m
313	Miramichi Inner Bay	47°07.5′N; 65°06.05′W	7 m
434	Gulf of Maine	43°40.2′N; 66°52.0′W	124.4 m
435	Gulf of Maine	43°40.5′N; 67°04.2′W	142.7 m

Turritellopsis acicula (Stimpson) [page 26]

45	Beaufort Sea	70°19.2′N; 133°40.4′W	55 m
171	Bay of Fundy	44°08.7′N; 66°15.6′W	31.1 m
172	Bay of Fundy	44°59.0′N; 65°23.8′W	73 m
409	Gulf of Maine	43°40.5′N; 67°04.2′W	142.7 m

Velutina undata Brown [page 30]

180	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
301	Bay of Fundy	44°08.7′N; 66°15.6′W	31.1 m
506	Baie des Chaleurs	48°10.6′N; 64°51.0′W	40 m

Velutina velutina (Müller) [page 30]

181	Bay of Fundy	43°58.3′N; 66°22.1′W	66 m
182	Bay of Fundy	45°07.1′N; 65°58.3′W	73.2 m
183	Bay of Fundy	45°05.0′N; 65°39.0′W	73 m
418	Gulf of Maine	43°17.0′N; 66°24.0′W	71.3 m

Volutopsius norvegicus (Gmelin)? [page 35]

49	Beaufort Sea	70°41.0′N; 128°19.0′W	29 m

BIVALVIA

Anomia simplex Say [page 57]

251	Bay of Fundy	44°59.8′N; 65°30.8′W	69.5 m
373	Gulf of Maine	43°34.0′N; 66°25.0′W	85.9 m
374	Gulf of Maine	43°05.8′N; 67°27.0′W	243.2 m
472	Strait of Canso	45°39.13′N; 61°25.32′W	17 m
473	Strait of Canso	45°37.53′N; 61°23.17′W	48 m

Anomia squamula Linné [page 57]

252	Bay of Fundy	45°06.0′N; 66°05.45′W	78.6 m
253	Bay of Fundy	45°06.8′N; 65°49.2′W	84 m
254	Bay of Fundy	45°05.0′N; 65°39.0′W	73 m
255	Bay of Fundy	45°18.5′N; 64°56.4′W	27 m
375	Gulf of Maine	44°25.0′N; 66°51.2′W	87.8 m
376	Gulf of Maine	43°00.0′N; 66°51.2′W	153.6 m
474	Strait of Canso	45°37.77′N; 61°23.48′W	32.5 m

Arctica islandica (Linné) [page 69]

280	Bay of Fundy	44°14.7′N; 66°14.4′W	32.9 m
281	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
282	Bay of Fundy	44°20.9′N; 66°12.5′W	32.9 m
395	Gulf of Maine	44°04.0′N; 67°10.6′W	155.5 m
488	Strait of Canso	45°32.9′N; 61°15.4′W	28 m
489	Strait of Canso	45°31.3′N; 61°15.1′W	4 m

Arctinula greenlandica (Sowerby) [page 56]

85	Beaufort Sea	70°21.5′N; 137°33.0′W	72-131 m
86	Beaufort Sea	69°50.5′N; 138°18.0′W	198 m
151	Beaufort Sea	69°53.2′N; 139°05.0′W	60 m
561	Exeter Bay	66°28.2′N; 61°22.75′W	90 m

Astarte borealis (Schumacher) [page 63]

27	Labrador Shelf	54°43.18′N; 57°13.59′W	74 m
28	Labrador Shelf	54°44.8′N; 57°09.37′W	110 m
91	Beaufort Sea	70°28.9′N; 132°02.9′W	35 m
92	Beaufort Sea	69°51.3′N; 129°14.0′W	10 m
152	Beaufort Sea	69°34.66′N; 133°02.76′W	3 m
524	Baie des Chaleurs	48°10.41′N; 64°20.42′W	43 m

Astarte castanea Say [page 63]

265	Bay of Fundy	45°14.7′N; 65°35.6′W	55 m

Astarte crenata (Gray) [page 62]

98	Beaufort Sea	70°18.4′N; 137°38.8′W	88 m
566	Exeter Bay	66°26.95′N; 61°26.88′W	62 m

Astarte elliptica (Brown) [page 64]

29	Labrador Shelf	54°50.75′N; 57°06.86′W	185 m
30	Labrador Shelf	54°52.1′N; 57°09.7′W	124 m
31	Labrador Shelf	54°39.4′N; 57°08.7′W	62 m
144	Labrador Shelf	54°39.4′N; 57°08.7′W	62 m
525	Baie des Chaleurs	48°18.65′N; 64°38.54′W	43 m

Astarte montagui (Dillwyn) [page 64]

32	Labrador Shelf	54°46.9′N; 57°09.1′W	113 m
33	Labrador Shelf	54°52.1′N; 57°09.7′W	124 m
93	Beaufort Sea	70°00.0′N; 132°32.0′W	19 m
94	Beaufort Sea	69°22.1′N; 138°04.8′W	47 m
95	Beaufort Sea	70°07.1′N; 135°50.3′W	22 m
96	Beaufort Sea	71°16.6′N; 130°37.6′W	62 m
97	Beaufort Sea	70°50.9′N; 128°18.9′W	42.7 m
145	Labrador Shelf	54°39.4′N; 57°08.7′W	62 m
526	Baie des Chaleurs	48°02.60′N; 64°36.60′W	37 m
567	Exeter Bay	66°28.5′N; 61°29.86′W	59 m

Astarte subaequilatera Sowerby [page 62]

266	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
267	Bay of Fundy	45°05.0′N; 65°39.0′W	73 m
381	Gulf of Maine	44°26.6′N; 66°49.0′W	113.4 m
382	Gulf of Maine	44°16.3′N; 66°25.0′W	54.9 m
383	Gulf of Maine	43°55.5′N; 66°53.4′W	140.8 m
527	Baie des Chaleurs	48°10.41′N; 64°20.42′W	43 m

Astarte undata Gould [page 62]

268	Bay of Fundy	45°06.0′N; 66°05.45′W	78.6 m
269	Bay of Fundy	45°07.1′N; 65°58.3′W	73.2 m
270	Bay of Fundy	44°59.8′N; 65°30.8′W	69.5 m
271	Bay of Fundy	45°14.7′N; 65°35.6′W	55 m
384	Gulf of Maine	44°00.0′N; 66°27.7′W	85 m
385	Gulf of Maine	44°25.0′N; 66°43.2′W	87.8 m
386	Gulf of Maine	43°07.0′N; 66°44.3′W	118.9 m
387	Gulf of Maine	44°13.8′N; 66°46.4′W	197.5 m
388	Gulf of Maine	43°48.0′N; 66°58.9′W	214 m
389	Gulf of Maine	43°50.3′N; 66°58.0′W	171.9 m
390	Gulf of Maine	43°00.0′N; 66°51.2′W	153.6 m
480	Strait of Canso	45°31.4′N; 61°16.4′W	4 m
481	Strait of Canso	45°24.5′N; 61°12.8′W	20 m
528	Baie des Chaleurs	48°02.6′N; 64°36.6′W	37 m

Axinopsida orbiculata (G. Sars) [page 60]

260	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
261	Bay of Fundy	45°06.0′N; 66°05.45′W	78.6 m
565	Exeter Bay	66°28.78′N; 61°28.23′W	66 m

Bathyarca frielei "Jeffreys" Friele [page 50]

81	Beaufort Sea	70°37.6′N; 135°47.4′W	87 m

Bathyarca glacialis (Gray) [page 50]

82	Beaufort Sea	70°08.2′N; 137°15.8′W	47 m
131	Beaufort Sea	69°58.0′N; 137°00.0′W	38 m

Bathyarca raridentata (Wood) [page 51]

229	Bay of Fundy	44°26.6′N; 66°21.5′W	166.4 m
230	Bay of Fundy	44°32.0′N; 66°33.0′W	166.4 m
342	Bay of Fundy	44°24.0′N; 66°36.0′W	207 m
361	Gulf of Maine	44°25.0′N; 66°43.2′W	87.8 m
362	Gulf of Maine	44°26.6′N; 66°49.0′W	113.4 m
363	Gulf of Maine	44°17.0′N; 67°20.2′W	195.7 m

Boreacola vadosa Bernard [page 61]

90	Beaufort Sea	69°54.63′N; 134°08.43′W	11 m

Cerastoderma echinatum (Linné) [page 65]

101	Beaufort Sea	70°14.0′N; 135°47.4′W	52 m
482	Strait of Canso	45°39.13′N; 61°25.32′W	17 m

Cerastoderma elegantulum "Beck" Möller [page 66]

103	Beaufort Sea	70°14.1′N; 134°28.3′W	42 m

Cerastoderma pinnulatum (Conrad) [page 66]

272	Bay of Fundy	45°06.8′N; 65°49.2′W	84 m
321	Miramichi Inner Bay	47°04.89′N; 65°10.46′W	4 m
322	Miramichi Inner Bay	47°09.6′N; 65°10.46′W	4.8 m
391	Gulf of Maine	43°12.8′N; 66°16.5′W	109.7 m
392	Gulf of Maine	43°17.0′N; 66°24.0′W	71.3 m
393	Gulf of Maine	43°07.0′N; 66°44.3′W	118.9 m
483	Strait of Canso	45°31.7′N; 61°16.3′W	25 m
484	Strait of Canso	45°31.3′N; 61°15.1′W	4 m
485	Strait of Canso	45°33.7′N; 61°14.0′W	9 m

Chlamys islandica (Müller) [page 54]

22	Labrador Shelf	54°44.8′N; 57°09.37′W	110 m
239	Bay of Fundy	45°06.0′N; 66°05.45′W	78.6 m
240	Bay of Fundy	44°59.0′N; 65°23.8′W	73 m
241	Bay of Fundy	45°07.1′N; 65°58.3′W	73.2 m
344	Bay of Fundy	44°24.0′N; 66°36.0′W	207 m
367	Gulf of Maine	44°16.5′N; 66°38.8′W	206.7 m
368	Gulf of Maine	44°13.8′N; 66°46.4′W	197.5 m
520	Baie des Chaleurs	48°18.65′N; 64°38.54′W	43 m
521	Baie des Chaleurs	48°10.6′N; 64°51.0′W	40 m
560	Exeter Bay	66°29.21′N; 61°19.96′W	8 m

Clinocardium ciliatum (Fabricius) [page 65]

34	Labrador Shelf	54°06.91′N; 56°41.0′W	135 m
99	Beaufort Sea	70°13.1′N; 132°21.6′W	24 m
102[1]	Beaufort Sea	70°07.4′N; 131°34.1′W	21 m
100	Beaufort Sea	71°17.5′N; 129°10.6′W	47 m
153	Beaufort Sea	69°36.08′N; 133°08.7′W	5 m
273	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
274	Bay of Fundy	44°11.6′N; 66°22.0′W	64 m
529	Baie des Chaleurs	48°19.55′N′; 64°26.88′W	85 m
530	Baie des Chaleurs	48°02.6′N; 64°36.6′W	37 m

[1] juvenile?

Crassostrea virginica (Gmelin) [page 58]

320	Miramichi Inner Bay	47°05.12′N; 65°20.17′W	1.5 m

Crenella decussata Montagu [page 51]

469	Strait of Canso	45°33.7′N; 61°14.0′W	9 m
558	Exeter Bay	66°26.26′N; 61°25.00′W	71 m

Crenella faba (Müller) [page 52]

518	Baie des Chaleurs	48°23.35′N; 64°29.20′W	17 m

Crenella glandula (Totten) [page 52]

231	Bay of Fundy	45°05.0′N; 65°39.0′W	73 m
232	Bay of Fundy	44°02.9′N; 66°18.2′W	34 m
233	Bay of Fundy	45°06.8′N; 65°49.2′W	84 m
364	Gulf of Maine	44°28.5′N; 66°40.0′W	173.7 m
365	Gulf of Maine	44°26.6′N; 66°49.0′W	113.4 m
468	Strait of Canso	45°37.53′N; 61°23.17′W	48 m
519	Baie des Chaleurs	48°20.15′N; 64°39.25′W	18 m

Cyclocardia borealis (Conrad) [page 61]

24	Labrador Shelf	54°44.8′N; 57°09.37′W	110 m
25	Labrador Shelf	54°46.97′N; 57°01.1′W	124.1 m
26	Labrador Shelf	54°43.18′N; 57°13.59′W	74 m
143	Bay of Fundy	54°39.4′N; 57°08.7′W	62 m
262	Bay of Fundy	45°07.1′N; 65°58.3′W	73.2 m
263	Bay of Fundy	44°59.8′N; 65°30.8′W	69.5 m
264	Bay of Fundy	44°59.0′N; 65°23.8′W	73 m
378	Gulf of Maine	43°12.8′N; 66°16.5′W	109.7 m
379	Gulf of Maine	43°17.0′N; 66°24.0′W	71.3 m
380	Gulf of Maine	43°07.0′N; 66°44.3′W	118.9 m
479	Strait of Canso	45°32.8′N; 61°17.5′W	11 m
523	Baie des Chaleurs	48°05.08′N; 64°16.53′W	24 m

Cyclopecten pustulosus Verrill [page 54]

369	Gulf of Maine	43°00.0′N; 67°11.5′W	223 m

Cyrtodaria kurriana Dunker [page 72]

119	Beaufort Sea	69°46.83′N; 132°04.0′W	3 m
120	Beaufort Sea	69°30.56′N; 133°10.86′W	4.3 m

Dacrydium vitreum (Möller [Hölboll MS]) [page 53]

238	Bay of Fundy	43°58.3′N; 66°22.1′W	66 m
559	Exeter Bay	66°28.63′N; 61°22.53′W	95 m

? *Delectopecten vitreus* (Gmelin) [page 56]

242	Bay of Fundy	44°53.5′N; 66°25.5′W	115 m

Ensis directus (Conrad) [page 67]

276	Bay of Fundy	44°11.6′N; 66°22.0′W	64 m
277	Bay of Fundy	44°08.7′N; 66°15.6′W	31.1 m
325	Miramichi Inner Bay	47°11.67′N; 65°06.55′W	4.25 m

Gemma gemma (Totten) [page 70]

491	Strait of Canso	45°39.13′N; 61°25.32′W	17 m

Geukensia demissa (Dillwyn) [page 54]

319	Miramichi Inner Bay	47°05.12′N; 65°20.17′W	1.5 m

Hiatella arctica (Linné) [page 72]

118	Beaufort Sea	70°50.9′N; 128°18.9′W	42.7 m
286	Bay of Fundy	43°58.3′N; 66°22.1′W	66 m
287	Bay of Fundy	45°11.6′N; 65°47.4′W	62 m
288	Bay of Fundy	44°59.8′N; 65°30.8′W	69.5 m
289	Bay of Fundy	44°55.4′N; 65°24.5′W	64 m
290	Bay of Fundy	45°14.7′N; 65°35.6′W	55 m
345	Bay of Fundy	44°24.0′N; 66°36.0′W	207 m
397	Gulf of Maine	43°34.0′N; 66°25.0′W	85.9 m
398	Gulf of Maine	43°17.0′N; 66°24.0′W	71.3 m
399	Gulf of Maine	44°16.5′N; 66°38.8′W	206.7 m
496	Strait of Canso	45°32.8′N; 61°17.5′W	11 m
537	Baie des Chaleurs	45°58.00′N; 64°43.00′W	22 m
570	Exeter Bay	66°28.83′N; 61°26.25′W	80 m

Limatula subauriculata (Montagu) [page 57]

23	Labrador Shelf	54°52.1′N; 57°09.7′W	124 m
562	Exeter Bay	66°26.95′N; 61°26.88′W	62 m
563	Exeter Bay	66°28.6′N; 61°27.45′W	68 m
564	Exeter Bay	66°26.26′N; 61°25.00′W	71 m

Liocyma fluctuosa (Gould) [page 70]

113	Beaufort Sea	71°01.0′N; 128°49.5′W	40 m
114	Beaufort Sea	70°41.0′N; 128°19.0′W	29 m
155	Beaufort Sea	69°47.4′N; 134°03.96′W	5.3 m
283	Bay of Fundy	44°14.7′N; 66°14.4′W	32.9 m
284	Bay of Fundy	44°11.6′N; 66°22.0′W	64 m
396	Gulf of Maine	43°12.3′N; 66°24.0′W	87.8 m
536	Baie des Chaleurs	48°10.41′N; 64°20.42′W	43 m

Lucinoma filosa (Stimpson) [page 58]

377	Gulf of Maine	43°11.0′N; 66°33.0′W	93.3 m

Lyonsia arenosa (Möller) [page 73]

121	Beaufort Sea	70°45.4′N; 128°51.9′W	24.4 m
130	Beaufort Sea	69°52.76′N; 132°54.40′W	13 m
571	Exeter Bay	66°28.6′N; 61°27.75′	68 m

Lyonsia hyalina Conrad [page 73]

291	Bay of Fundy	44°14.7′N; 66°14.4′W	32.9 m

Macoma balthica (Linné) [page 68]

112	Beaufort Sea	69°57.4′N; 131°19.0′W	4 m
327	Miramichi Inner Bay	47°05.12′N; 65°20.17′W	1.5 m
328	Miramichi Inner Bay	47°01.09′N; 65°30.00′W	10 m
487	Strait of Canso	45°32.5′N; 61°17.7′W	44 m

Macoma calcarea (Gmelin) [page 68]

35	Labrador Shelf	55°00.95′N; 56°54.4′W	199 m
36	Labrador Shelf	54°44.8′N; 57°09.37′W	110 m
37	Labrador Shelf	54°06.0′N; 56°53.7′W	97 m
104	Beaufort Sea	69°22.1′N; 138°04.8′W	47 m
105	Beaufort Sea	70°02.7′N; 132°53.8′W	23 m
106	Beaufort Sea	70°07.8′N; 132°21.9′W	24 m
107	Beaufort Sea	70°41.0′N; 128°19.0′W	29 m
108	Beaufort Sea	70°28.9′N; 132°02.9′W	35 m
154	Beaufort Sea	69°30.2′N; 133°17.77′W	4.3 m

278	Bay of Fundy	44°55.4′N; 65°24.5′W	64 m
279	Bay of Fundy	44°59.0′N; 65°23.8′W	73 m
533	Baie des Chaleurs	48°05.08′N; 64°16.53′W	24 m
534	Baie des Chaleurs	48°05.39′N; 64°29.98′W	36 m
535	Baie des Chaleurs	48°11.83′N; 64°42.91′W	100 m
Macoma inflata "Stimpson" Dawson [page 69]			
109	Beaufort Sea	70°45.4′N; 128°51.9′W	24.4 m
Macoma moesta (Deshayes) [page 69]			
110	Beaufort Sea	70°29.8′N; 129°22.8′W	16 m
111	Beaufort Sea	70°24.5′N; 133°23.9′W	49 m
Modiolus modiolus (Linné) [page 53]			
235	Bay of Fundy	44°02.9′N; 66°18.2′W	34 m
236	Bay of Fundy	45°06.8′N; 65°49.2′W	84 m
237	Bay of Fundy	44°59.0′N; 65°23.8′W	73 m
366	Gulf of Maine	44°28.5′N; 66°40.0′W	173.7 m
470	Strait of Canso	45°32.82′N; 61°19.18′W	17 m
471	Strait of Canso	45°33.3′N; 61°17.5′W	2 m
Mulinia lateralis (Say) [page 67]			
323	Miramichi Inner Bay	47°06.8′N; 65°13.5′W	3.5 m
324	Miramichi Inner Bay	47°11.67′N; 65°06.55′W	4.25 m
Musculus corrugatus (Stimpson) [page 52]			
83	Beaufort Sea	70°07.4′N; 131°34.1′W	21 m
Musculus niger (Gray) [page 53]			
21	Labrador Shelf	54°41.0′N; 57°11.13′W	80 m
84	Beaufort Sea	70°01.9′N; 132°06.9′W	22 m
234	Bay of Fundy	45°10.2′N; 65°31.2′W	70 m
Mya arenaria Linné [page 71]			
330	Miramichi Inner Bay	47°05.12′N; 65°20.17′W	1.5 m
492	Strait of Canso	45°31.4′N; 61°16.4′W	4 m
493	Strait of Canso	45°33.3′N; 61°17.5′W	2 m
Mya pseudoarenaria Schlesch [page 71]			
116	Beaufort Sea	70°34.1′N; 130°45.0′W	25.9 m
117	Beaufort Sea	69°47.5′N; 129°44.5′W	14 m
Mya truncata Linné [page 71]			
38	Labrador Shelf	54°39.4′N; 57°08.7′W	62 m
115	Beaufort Sea	70°45.5′N; 128°19.9′W	40.55 m
285	Bay of Fundy	44°02.9′N; 66°18.2′W	34 m
494	Strait of Canso	45°37.53′N; 61°23.17′W	48 m
495	Strait of Canso	45°31.3′N; 61°15.1′W	4 m
568	Exeter Bay	66°28.83′N; 61°26.25′W	80 m
569	Exeter Bay	66°26.26′N; 61°25.00′W	71 m
Mysella planulata (Stimpson) [page 61]			
477	Strait of Canso	45°32.5′N; 61°17.7′W	44 m
478	Strait of Canso	45°39.08′N; 61°25.80′W	40 m
Mytilus edulis Linné [page 51]			
318	Miramichi Inner Bay	47°05.12′N; 65°20.17′W	1.5 m
467	Strait of Canso	45°32.8′N; 61°17.5′W	11 m

Nucula delphinodonta Mighels and Adams [page 45]

333	Miramichi Inner Bay	47°07.27′N; 65°06.3′W	7.2 m
346	Gulf of Maine	43°53.0′N; 66°51.3′W	148 m
460	Strait of Canso	45°31.3′N; 61°15.1′W	4 m

Nucula proxima Say [page 45]

210	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
215	Bay of Fundy	44°55.4′N; 65°24.5′W	64 m

Nucula tenuis Montagu [page 45]

63	Beaufort Sea	70°45.2′N; 132°27.6′W	51 m
64	Beaufort Sea	69°50.0′N; 137°05.0′W	40 m
65	Beaufort Sea	69°58.0′N; 137°00.0′W	38 m
125	Beaufort Sea	70°37.6′N; 135°47.4′W	87 m
139	Labrador Shelf	55°00.23′N; 56°59.5′W	215 m
146	Labrador Shelf	54°57.2′N; 56°53.9′W	256 m
211	Bay of Fundy	44°41.0′N; 66°25.5′W	183 m
212	Bay of Fundy	44°53.5′N; 66°25.5′W	115 m
213	Bay of Fundy	45°07.1′N; 65°58.3′W	73.2 m
214	Bay of Fundy	45°05.0′N; 65°39.0′W	73 m
347	Gulf of Maine	43°55.5′N; 66°53.4′W	140.8 m
509	Baie des Chaleurs	48°18.65′N; 64°38.54′W	43 m
549	Exeter Bay	66°29.16′N; 61°24.83′W	86 m

Nuculana minuta (Fabricius) [page 46]

19	Labrador Shelf	54°47.7′N; 57°04.4′W	142 m
140	Labrador Shelf	54°40.3′N; 57°12.15′W	62 m
348	Gulf of Maine	43°36.5′N; 66°51.3′W	129.8 m
510	Baie des Chaleurs	48°02.6′N; 64°36.6′W	37 m
550	Exeter Bay	66°26.26′N; 61°25.00′W	71 m

Nuculana pernula (Müller) [page 46]

18	Labrador Shelf	54°06.9′N; 56°28.3′W	176 m
66	Beaufort Sea	71°01.0′N; 128°49.5′W	40 m
67	Beaufort Sea	71°01.0′N; 137°57.0′W	109 m
68	Beaufort Sea	70°50.5′N; 133°53.4′W	78 m
216	Bay of Fundy	44°26.6′N; 66°21.5′W	166.4 m
217	Bay of Fundy	45°06.0′N; 66°05.45′W	78.6 m
349	Gulf of Maine	44°11.6′N; 66°43.0′W	193.9 m
351	Gulf of Maine	43°56.0′N; 67°23.9′W	241.4 m
511	Baie des Chaleurs	48°01.34′N; 64°44.56′W	76 m
512	Baie des Chaleurs	48°17.83′N; 64°25.79′W	110 m
551	Exeter Bay	66°28.78′N; 61°28.23′W	66 m

Nuculana tenuisulcata (Couthouy) [page 46]

218	Bay of Fundy	44°53.5′N; 66°25.5′W	115 m
350	Gulf of Maine	43°09.2′N; 66°44.2′W	128 m
512	Baie des Chaleurs	48°17.83′N; 64°25.79′W	110 m
513	Baie des Chaleurs	48°09.15′N; 64°32.25′W	80 m
514	Baie des Chaleurs	48°10.18′N; 64°41.73′W	82 m
515	Baie des Chaleurs	48°06.59′N; 64°39.10′W	63 m

Palliolum imbrifer (Lovén) [page 55]

343	Bay of Fundy	44°24.0′N; 66°36.0′W	207 m
370	Gulf of Maine	43°41.3′N; 66°24.7′W	82.3 m
371	Gulf of Maine	43°43.8′N; 66°33.0′W	118.9 m

Palliolum striatum (Müller) [page 55]

243	Bay of Fundy	45°06.8′N; 65°49.2′W	84 m
245	Bay of Fundy	45°14.7′N; 65°35.6′W	55 m
372	Gulf of Maine	43°46.5′N; 66°51.8′W	160.9 m

Palliolum subimbrifer (Verrill and Bush) [page 55]

244	Bay of Fundy	45°11.6′N; 65°47.4′W	62 m
246	Bay of Fundy	44°32.0′N; 66°33.0′W	166.4 m

Pandora glacialis Leach [page 74]

123	Beaufort Sea	69°56.5′N; 134°33.0′W	16 m

Pandora gouldiana Dall [page 73]

293	Bay of Fundy	44°08.7′N; 66°15.6′W	31.1 m
294	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
295	Bay of Fundy	45°21.5′N; 65°23.6′W	46 m
336	Miramichi Inner Bay	47°07.27′N; 65°06.3′W	7.2 m

Pandora inornata (Verrill and Bush) [page 74]

292	Bay of Fundy	44°02.9′N; 66°18.2′W	34 m
331	Miramichi Inner Bay	47°07.5′N; 65°06.05′W	7 m

Panomya arctica (Lamarck) [page 72]

538	Baie des Chaleurs	48°23.35′N; 64°29.20′W	17 m
539	Baie des Chaleurs	48°11.83′N; 64°42.91′W	100 m
540	Baie des Chaleurs	47°58.35′N; 65°08.62′W	85 m

Periploma fragile (Totten) [page 75]

298	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
299	Bay of Fundy	45°02.0′N; 66°34.0′W	29.3 m
300	Bay of Fundy	45°06.0′N; 66°05.45′W	78.6 m
401	Gulf of Maine	43°58.5′N; 67°14.1′W	175.6 m
541	Baie des Chaleurs	48°15.93′N; 64°24.56′W	105 m
542	Baie des Chaleurs	48°11.83′N; 64°42.91′W	100 m

Pitar morrhuanus (Linsley) [page 70]

329	Miramichi Inner Bay	47°07.5′N; 65°06.05′W	7 m
335	Miramichi Inner Bay	47°07.27′N; 65°06.3′W	7.2 m
490	Strait of Canso	45°39.13′N; 61°25.32′W	17 m

Placopecten magellanicus (Gmelin) [page 56]

247	Bay of Fundy	44°11.6′N; 66°22.0′W	64 m
248	Bay of Fundy	44°53.5′N; 66°25.5′W	115 m
249	Bay of Fundy	45°14.7′N; 65°35.6′W	55 m
250	Bay of Fundy	45°21.5′N; 65°23.6′W	46 m
522	Baie des Chaleurs	48°20.15′N; 64°39.25′W	18 m

Portlandia arctica (Gray) [page 48]

71[1]	Beaufort Sea	69°36.25′N; 139°02.6′W	
72	Beaufort Sea	70°07.0′N; 131°35.0′W	17 m
73	Beaufort Sea	69°56.5′N; 134°33.0′W	16 m
74	Beaufort Sea	69°45.94′N; 132°42.15′W	7 m
126	Beaufort Sea	70°45.2′N; 129°57.1′W	25.9 m
127	Beaufort Sea	70°00.7′N; 131°31.6′W	14 m
128	Beaufort Sea	70°29.8′N; 129°22.8′W	16 m
129	Beaufort Sea	69°41.08′N; 133°01.37′W	6.5 m
552	Exeter Bay	66°28.01′N; 61°27.5′W	59 m

[1] Sample from Herschel Island, from raised marine deposits 75m (±) asl.

Portlandia dissimilis (Verrill and Bush) [page 48]

219	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m

Portlandia fraterna (Verrill and Bush) [page 49]

75	Beaufort Sea	70°56.0′N; 133°59.5′W	80 m
76	Beaufort Sea	69°53.2′N; 139°05.0′W	60 m
227	Bay of Fundy	44°41.0′N; 66°25.5′W	183 m
355	Gulf of Maine	42°54.8′N; 67°12.8′W	256 m
356	Gulf of Maine	43°25.3′N; 67°23.6′W	201.2 m
553	Exeter Bay	66°28.5′N; 61°29.86′W	59 m

Portlandia frigida (Torell) [page 49]

228	Bay of Fundy	44°41.0′N; 66°25.5′W	183 m
554	Exeter Bay	66°26.26′N; 61°25.00′W	71 m

Portlandia inconspicua Verrill and Bush [page 49]

357	Gulf of Maine	44°14.8′N; 66°55.0′W	184.7 m
358	Gulf of Maine	43°53.0′N; 66°51.3′W	148 m
359	Gulf of Maine	43°52.6′N; 67°01.0′W	182.9 m
360	Gulf of Maine	44°06.5′N; 67°14.5′W	192 m
465	Strait of Canso	45°32.8′N; 61°17.5′W	11 m
466	Strait of Canso	45°40.4′N; 61°26.4′W	18.5 m

Portlandia intermedia (M. Sars) [page 49]

77	Beaufort Sea	70°15.3′N; 130°05.0′W	8 m
78	Beaufort Sea	69°43.03′N; 134°02.03′W	4 m

Portlandia lenticula (Möller) [page 50]

79	Beaufort Sea	69°45.0′N; 138°34.0′W	177 m
80	Beaufort Sea	70°37.6′N; 135°47.4′W	87 m
555	Exeter Bay	66°28.78′N; 61°28.23′W	66 m

Serripes groenlandicus (Bruguière) [page 65]

531	Baie des Chaleurs	48°01.60′N; 65°55.95′W	30 m

Spisula polynyma (Stimpson) [page 66]

275	Bay of Fundy	44°11.6′N; 66°22.0′W	64 m
394	Gulf of Maine	43°14.5′N; 66°16.5′W	86 m

Tellina agilis Stimpson [page 67]

326	Miramichi Inner Bay	47°11.67′N; 65°06.55′W	4.25 m
486	Strait of Canso	45°40.0′N; 61°21.2′W	9 m
532	Baie des Chaleurs	48°10.41′N; 64°20.42′W	43 m

Thracia devexa G. Sars [page 74]

122	Beaufort Sea	70°12.2′N; 131°33.1′W	24 m
132	Beaufort Sea	71°01.0′N; 128°49.5′W	40 m

Thracia septentrionalis Jeffreys [page 75]

296	Bay of Fundy	44°02.9′N; 66°18.2′W	34 m
297	Bay of Fundy	44°11.6′N; 66°22.0′W	64 m
400	Gulf of Maine	43°17.0′N; 66°24.0′W	71.3 m

Thyasira croulinensis (Jeffreys) [page 59]

475	Strait of Canso	45°33.2′N; 61°15.4′W	14 m

Thyasira equalis (Verrill and Bush) [page 59]

89	Beaufort Sea	69°22.1′N; 138°04.8′W	47 m
256	Bay of Fundy	44°20.9′N; 66°12.5′W	32.9 m

Thyasira ferruginosa (Forbes) [page 59]

476	Strait of Canso	45°33.7′N; 61°14.0′W	9 m

Thyasira flexuosa (Montagu) [page 60]

142	Labrador Shelf	55°00.15′N; 56°45.59′W	179 m
147	Labrador Shelf	54°57.2′N; 56°53.9′W	256 m
257	Bay of Fundy	44°26.6′N; 66°21.5′W	166.4 m
258	Bay of Fundy	45°02.0′N; 66°34.0′W	29.3 m
259	Bay of Fundy	44°59.0′N; 65°23.8′W	73 m

Thyasira gouldii (Philippi) [page 60]

87	Beaufort Sea	69°50.5′N; 138°18.0′W	198 m
88	Beaufort Sea	70°21.5′N; 137°33.0′W	72-131 m

Yoldia amygdalea Valenciennes [page 47]

516	Baie des Chaleurs	48°11.08′N; 64°33.84′W	86 m
517	Baie des Chaleurs	48°11.83′N; 64°42.91′W	100 m

Yoldia hyperborea Torell [page 47]

69	Beaufort Sea	71°06.6′N; 130°14.7′W	42.7 m
141	Labrador Shelf	54°43.18′N; 57°13.59′W	74 m
150	Beaufort Sea	69°36.08′N; 133°08.7′W	5 m

Yoldia limatula (Say) [page 47]

220	Bay of Fundy	45°03.9′N; 65°25.3′W	71 m
317	Miramichi Inner Bay	47°11.9′N; 65°04.97′W	3 m
334	Miramichi Inner Bay	47°11.67′N; 65°05.23′W	4.5 m
461	Strait of Canso	45°39.08′N; 61°25.80′W	40 m

Yoldia myalis (Couthouy) [page 47]

70	Beaufort Sea	70°56.5′N; 131°24.7′W	54 m
221	Bay of Fundy	44°19.7′N; 66°11.4′W	34.7 m
222	Bay of Fundy	44°20.9′N; 66°12.5′W	32.9 m
223	Bay of Fundy	44°11.6′N; 66°22.0′W	64 m
224	Bay of Fundy	44°55.4′N; 65°24.5′W	64 m
225	Bay of Fundy	45°06.8′N; 65°49.2′W	84 m
316	Miramichi Inner Bay	47°14.98′N; 65°03.24′W	2.1 m
352	Gulf of Maine	43°12.8′N; 66°16.5′W	109.7 m
353	Gulf of Maine	43°12.3′N; 66°24.0′W	87.8 m

Yoldia sapotilla (Gould) [page 48]

226	Bay of Fundy	45°02.0′N; 66°41.0′W	40 m
354	Gulf of Maine	44°26.6′N; 66°49.0′W	113.4 m
462	Strait of Canso	45°39.12′N; 61°25.63′W	40 m
463	Strait of Canso	45°32.8′N; 61°17.5′W	11 m
464	Strait of Canso	45°32.8′N; 61°12.4′W	9 m

Yoldia thraciaeformis (Storer) [page 48]

20	Labrador Shelf	54°53.2′N; 56°58.65′W	351 m

PART II

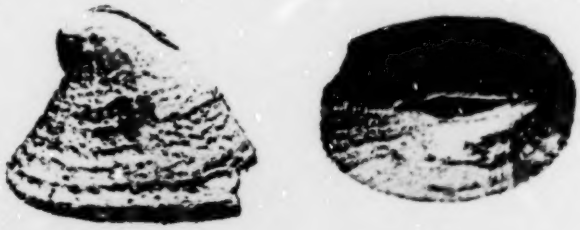
Illustrated taxonomic listing of species represented in the Index Collection.

Class **GASTROPODA** Cuvier, 1797

Subclass **Prosobranchia** Milne-Edwards, 1848
Order **ARCHAEOGASTROPODA** Thiele, 1925
Suborder PLEUROTOMARIINAE Cox and Knight, 1960
Superfamily FISSURELLACEA Fleming, 1822
Family FISSURELLIDAE Fleming, 1822
Subfamily EMARGINULINAE Gray, 1824
Genus *Puncturella* R.T. Lowe, 1827
Puncturella noachina (Linné)

= *Patella noachina* Linné, 1771, Mantissa Plantarum, altera generum editionis VI et specierum editionis II, Addendum, p. 551.
Patella fissurella O.F. Müller, 1776
Puncturella noachina Lowe, 1827
Cemoria Flemingii 'Leach' Lowe, 1827
Sipho striatus Brown, 1827 [spelled *Sypho striata* in plate explanation]
Cemoria princeps Mighels and Adams, 1842
Cemoria flemingiana Leach, 1852

GSC Type No. 55126, Bay of Fundy, height 4.5 mm



Family ACMAEIDAE Carpenter, 1857
Genus *Acmaea* Rathke, *in* Eschscholtz, 1833
Subgenus *Collisella* Dall, 1871
Acmaea (Collisella) testudinalis (Müller)

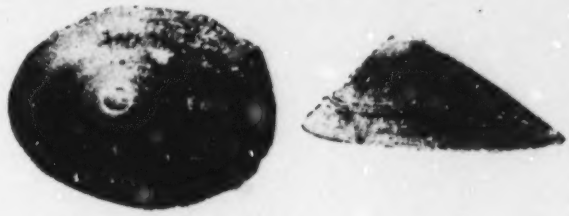
= *Patella testudinalis* Müller, 1776, Zoologiae Danicae Prodromus, p. 237.
Acmaea tessulata Müller, 1776
Acmaea fergusoni Wheat, 1901

GSC Type No. 55127, Strait of Canso, length 2.5 mm

Family LEPETIDAE Gray, 1850
Genus *Lepeta* Gray, 1842
Lepeta caeca (Müller)

= *Patella caeca* Müller, 1776, Zoologiae Danicae Prodromus, p. 237.

GSC Type No. 55128, Labrador Shelf, length 10.5 mm



Suborder TROCHINA Cox and Knight, 1960
Superfamily TROCHACEA Rafinesque, 1815
Family TROCHIDAE Rafinesque, 1815
Subfamily STOMATELLINAE Gray, 1840
Genus *Margarites* Gray, 1847
Subgenus *Margarites* Gray, 1847
Margarites (Margarites) olivaceus (Brown)

= *Turbo olivaceus* Brown, 1827, Illustrations of the recent conchology of Great Britain and Ireland, pl. 46, fig. 30, 31.
Margarita argentata Gould, 1841
Margarita glauca Möller, 1842
Margarita harrisoni Hancock, 1846
Margarites grosvenori Dall, 1926

GSC Type No. 55129, Beaufort Sea, height 9.0 mm

Subgenus *Pupillaria* Dall, 1909
Margarites (Pupillaria) costalis (Gould)

= *Turbo costalis* Gould, 1841, A report on the Invertebrata of Massachusetts, ed. 1, p. 252.
Margarita striata Broderip and Sowerby, 1829 [not Leach, 1819]
Turbo cinereus Couthouy, 1838 [not Born, 1778]
Margarita groenlandica Möller, 1842
Trochus polaris (Beck) Philippi, 1846
Margarita sordida Hancock, 1846
Trochus corneus Kiener, 1873

GSC Type No. 55130, Labrador Shelf, height 14.9 mm

Margarites (Pupillaria) groenlandicus (Gmelin)

= *Trochus groenlandicus* Gmelin, 1791, Caroli a Linné Systema naturae per regna tria naturae, ed. 13, p. 3574.
Trochus groenlandicus umbilicalis Chemnitz, 1781 (non binomial)
Trochus striatus Leach, 1819
Trochus carneus Lowe, 1826
Margarita sulcata Sowerby, 1838
Margarita undulata Sowerby, 1838
Trochus incarnatus Couthouy, 1838

GSC Type No. 55131,
Bay of Fundy,
height 5.0 mm

Genus *Lischkeia* Fischer, 1879
Subgenus *Calliotropis* Seguenza, 1903
Lischkeia (Calliotropis) ottoi Philippi

= *Trochus ottoi* Philippi, 1844, Fauna molluscorum ..... Siciliae, ii, p. 227, pl. 28, fig. 9.
Solariella regalis Verrill and Smith, 1880

GSC Type No. 55132,
Gulf of Maine,
height 2.8 mm

Subfamily SOLARIELLINAE Powell, 1951
Genus *Solariella* S.V. Wood, 1842
Subgenus *Machaeroplax* Friele, 1877
Solariella (Machaeroplax) obscura (Couthouy)

= *Turbo obscurus* Couthouy, 1838, Boston Journal of Natural History, v.2, p. 100.
Solariella bella Verkruzen, 1875 [probably]
Solariella carinata Verrill, 1882

GSC Type No. 55133,
Exeter Bay,
height 2.8 mm

Solariella (Machaeroplax) varicosa (Mighels and Adams)

= *Margarita varicosa* Mighels and Adams, 1842, Boston Journal of Natural History, v. 4, pl. 4, fig. 14.
Margarita acuminata Sowerby, 1838
Margarita elegantissima S. Wood, 1848
Margarita paupercula Dall, 1919

GSC Type No. 55134, Labrador Shelf, height 3.6 mm

Subfamily CALLIOSTOMATINAE Thiele, 1921
Genus *Calliostoma* Swainson, 1840
Subgenus *Calliostoma* Swainson, 1840
Calliostoma (Calliostoma) occidentale (Mighels and Adams)

= *Trochus occidentalis* Mighels and Adams, 1842, Boston Journal of Natural History, v. 4, p. 47.
Calliostoma quadricinctus Wood, 1842
Calliostoma alabastrum Lovén, 1846
Calliostoma formosus McAndrew and Forbes, 1847

GSC Type No. 55135, Bay of Fundy, height 7.8 mm

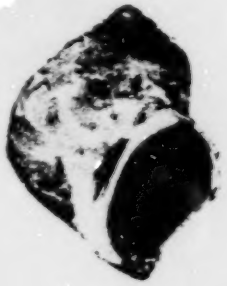
Family TURBINIDAE Rafinesque, 1815
Subfamily HOMALOPOMATINAE Keen, 1960
Genus *Moelleria* Jeffreys, 1865
Moelleria costulata (Möller)

= *Margarita* (?) *costulata* Möller, 1842, Kroyer's Naturhist. Tidskr., v. 4, p. 81.
Margarita minutissima Mighels, 1843 [probably]

GSC Type No. 55136, Strait of Canso, height 1.5 mm

Suborder LITTORININA Gray, 1840
Superfamily LITTORINACEA Gray, 1840
Family LACUNIDAE Gill, 1871
Genus *Lacuna* Turton, 1827
Lacuna vincta (Montagu)

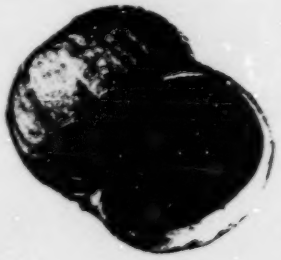
= *Turbo vinctus* Montagu, 1803, Testacea Britannica, ed. 1, v. 2, p. 307, pl. 12, fig. 11.
Trochus divaricatus Fabricius, 1780 [not Linné, 1758]
Lacuna pretusa Conrad, 1829
Lacuna fusca Gould, 1841
Lacuna solidula Lovén, 1846



GSC Type No. 55137, Strait of Canso, height 2.1 mm

Family LITTORINIDAE Gray, 1840
Subfamily LITTORININAE Gray, 1840
Genus *Littorina* Férussac, 1822
Subgenus *Littorina* Ferussac, 1822
Littorina (Littorina) littorea (Linné)

= *Turbo littoreus* Linné, 1758, Systema Naturae, ed. 10, p. 761.



GSC Type No. 55138, Bay of Fundy, height 7.0 mm

Littorina (Littorina) saxatilis (Olivi)

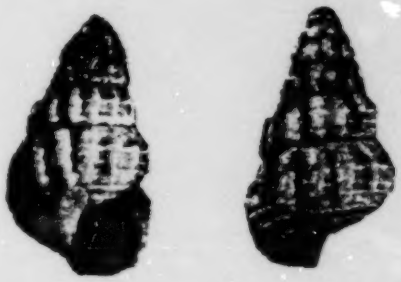
= *Turbo saxatilis* Olivi, 1792, Zoologie Adriatica, p. 172, pl. 5, fig. 3a-d.
Cochlea lunares groenlandicae Chemnitz, 1781 [non binomial]
Turbo rudis Maton, 1797
Turbo (?) *davidus* Röding, 1798
Turbo jugosa Montagu, 1803
Turbo tenebrosus Montagu, 1803
Littorina obligatus (Say, 1822)
Littorina vestita (Say, 1822)
Littorina groenlandica Menke, 1830
Littorina nigrolineata Gray, 1839
Littorina groenlandica Möller, 1842
Littorina castanea Deshayes, 1843

GSC Type No. 55139, Strait of Canso, height 4.8 mm

Superfamily RISSOACEA Gray, 1847
Family RISSOIDAE Gray, 1847
Genus *Alvania* Risso, 1826
Alvania janmayeni (Friele)

= *Rissoa JanMayeni* Friele, 1877, Nytt. Mag. Naturvidensk., v. 23, p. 4.
Alvania sibirica Leche, 1878 [nomen oblitum]
Alvania brychia (Verrill, 1884)
Rissoa americana Friele, 1886
Cingula bryanti Johnson, 1926

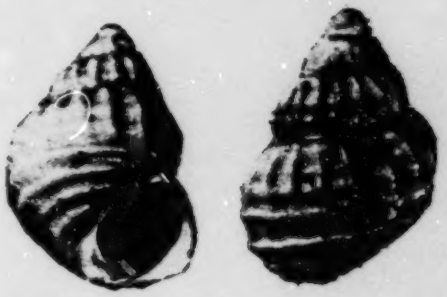
GSC Type No. 55140,
Bay of Fundy,
height 2.5 mm



Alvania pelagica (Stimpson)

= *Rissoa pelagica* Stimpson, 1851, Proceedings, Boston Society of Natural History, v. 4, p.
Alvania carinata Mighels and Adams, 1842 [not da Costa, 1777; not Philippi, 1847]

GSC Type No. 55141,
Bay of Fundy,
height 1.9 mm



Genus *Cingula* Fleming, 1828
Subgenus *Cingula* Fleming, 1828
Cingula (Cingula) castanea var. *alaskana* (Dall)

= *Alvania castanea alaskana* Dall, 1886, Proceedings, United States National Museum, v. 9, p. 307, pl. 4, fig. 9.

GSC Type No. 55142,
Beaufort Sea,
height 4.0 mm

Subgenus *Onoba* H. and A. Adams, 1854
Cingula (Onoba) aculeus Gould

= *C. aculeus* Gould, 1841, A report on the Invertebrata of Massachusetts, p. 266.

**GSC Type No. 55143,
Strait of Canso,
height 2.1 mm**

Family HYDROBIIDAE Stimpson, 1865
Genus *Hydrobia* Hartmann, 1821
Hydrobia totteni Morrison

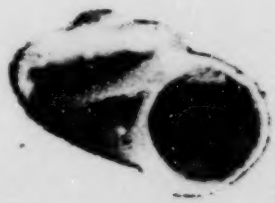
= *H. totteni* Morrison, 1954, Journal, Washington Academy of Sciences, v. 44, no. 1, p. 26.
Turbo minuta Totten, 1834

**GSC Type No. 55144,
Bay of Fundy,
height 1.6 mm**

Family SKENEOPSIDAE Iredale, 1915
Genus *Skeneopsis* Iredale, 1915
Skeneopsis planorbis (Fabricius)?

= *Helix* (?) *planorbis* Fabricius, 1780, Fauna Groenlandica, p. 394.

**GSC Type No. 55145,
Bay of Fundy,
height 0.7 mm**



Superfamily CERITHIACEA Fleming, 1822
Family TURRITELLIDAE Clarke, 1851
Genus *Tachyrhynchus* Mörch, 1868
Tachyrhynchus erosus (Couthouy)

= *Turritella erosa* Couthouy, 1838, Boston Journal of Natural History, v. 2, pt. 1, p. 103, pl. 3, fig. 1.
Tachyrhynchus major Dall, 1919

GSC Type No. 55146,
Baie des Chaleurs,
height 22.4 mm

Tachyrhynchus reticulatus (Mighels and Adams)

= *Turritella reticulata* Mighels and Adams, 1842, Boston Journal of Natural History, v. 4, pt. 1, p. 50, pl. 4, fig. 19.
Tachyrhynchus lactea (Möller, 1842)

GSC Type No. 55147,
Labrador Shelf,
height 12.3 mm

Genus *Turritellopsis* G.O. Sars, 1878
Turritellopsis acicula (Stimpson)

= *Turritella acicula Stimpson, 1851, Proceedings, Boston Society of Natural History, v. 4, p. 15.*
Turritellopsis stimpsoni Dall, 1919

GSC Type No. 55148,
Bay of Fundy,
height 5.5 mm

Family CERITHIIDAE Fleming, 1822
Subfamily DIASTOMINAE Cossmann, 1895
Genus *Diastoma* Deshayes, 1850
Diastoma alternatum (Say)

= *Bittium alternatum* Say, 1822, Journal, Academy of Natural Sciences of Philadelphia, v. 2, p. 243.
Pasithea nigra Totten, 1834

GSC Type No. 55149, Strait of Canso, height 2.7 mm

Suborder PTENOGLOSSA Gray, 1853
Superfamily EPITONEACEA S.S. Berry, 1910
Family EPITONIIDAE S.S. Berry, 1910
Genus *Acirsa* Mörch, 1857
Acirsa costulata (Mighels and Adams)

= *Turritella costulata* Mighels and Adams, 1842, Boston Journal of Natural History, v. 4, p. 50.
not *Scalaria costulata* Kiener, 1839
Scalaria borealis Beck, 1839 [nomen dubium]
Scalaria borealis Beck, 1842 [nomen nudum]
Scalaria borealis Lyell, 1842
Scalaria eschrichti 'Holboll' Möller, 1842
Scalaria undulata Möller (?), 1844
Scalaria (?) *ochotensis* Middendorff, 1849
Scalaria arctica 'Möller' Posselt, 1898

GSC Type No. 55150, Bay of Fundy, height 15.0 mm

Genus *Epitonium* Röding, 1798
Subgenus *Boreoscala* Kobelt, 1902
Epitonium (Boreoscala) greenlandicum (Perry)

= *Scalaria greenlandica* Perry, 1811, Conchology, London, pl. 28, fig. 8.
Turbo clathrus groenlandicus Chemnitz, 1795 [non binomial]
Scalaria similis J. Sowerby, 1813 [not *S. similis* G.B. Sowerby, 1844]
Scalaria subulata Couthouy, 1838
Scalaria planicosta Kiener, 1839
Scalaria loveni Adams, 1856
Scalaria groenlandica var. *crebricostata* G.O. Sars, 1878
[not *S. crebricostata* Cooper, 1870]
Scalaria groenlandica Posselt, 1898
Epitonium norvegicum Clench and Turner, 1952

GSC Type No. 55151, Bay of Fundy, height 35.5 mm.

Epitonium (Boreoscala) greenlandicum var. *lovenii* (A. Adams)

= *Scalaria lovenii* A. Adams, 1856, Proceedings, Zoological Society of London, v. 24, p. 1.

GSC Type No. 55152, Gulf of Maine, height 13.6 mm

Suborder GYMNOGLOSSA Gray, 1853
Superfamily CREPIDULACEA Fleming, 1822
Family TRICHOTROPIDAE Gray, 1850
Genus *Trichotropis* Broderip and Sowerby, 1829
Subgenus *Ariadnaria* Habe, 1961
Trichotropis (Ariadnaria) borealis Broderip and Sowerby.

= *T. borealis* Broderip and Sowerby, 1829, Journal of Zoology, London, v. 4, pt. 15, p. 375.
Trichotropis costallata Couthouy, 1838
Trichotropis atlanta Möller, 1842
Trichotropis conica Möller, 1842
Trichotropis inermis Hinds, 1843
Trichotropis saintjohnensis Verkrüzen, 1877

GSC Type No. 55153, Labrador Shelf, height 18.3 mm

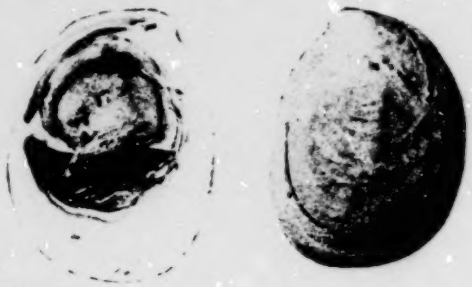
Family CREPIDULIDAE Fleming, 1822
Subfamily CALYPTRAEINAE Blainville, 1824
Genus *Crucibulum* Schumacher, 1817
Subgenus *Dispotaea* Say, 1824
Crucibulum (Dispotaea) striatum Say.

= *C. striatum* Say, 1826, Journal, Academy of Natural Sciences of Philadelphia, v. 5, p. 216.

GSC Type No. 55154, Bay of Fundy, length 18.1 mm

Subfamily CREPIDULINAE Fleming, 1822
Genus *Crepidula* Lamarck, 1799
Subgenus *Crepidula* Lamarck, 1799
Crepidula (Crepidula) fornicata (Linné)

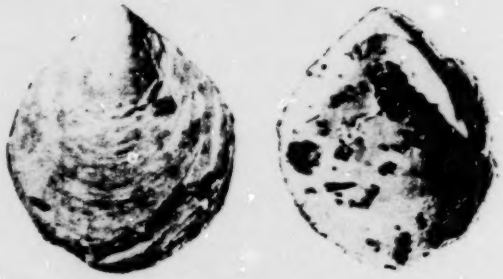
= *Patella fornicata* Linné, 1758, Systema Naturae, ed. 10, p. 781.



GSC Type No. 55155, Miramichi, length 28.8 mm

Subgenus *Ianacus* Mörch, 1852
Crepidula (Ianacus) plana Say

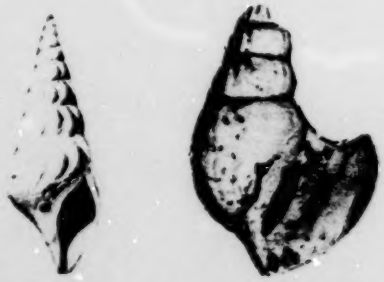
= *C. plana* Say, 1822, Journal, Academy of Natural Sciences of Philadelphia, v. 2, p. 226.



GSC Type No. 55156, Miramichi, length 5.0 mm

Family APORRHAIDAE Mörch, 1852
Genus *Aporrhais* da Costa, 1778
Aporrhais occidentalis Beck

= *A. occidentalis* Beck, 1836, Magazine de Zoologie, v. 6, pt. 5, pl. 72 and text.



Left
GSC Type No. 55159, Baie des Chaleurs, height 47.4 mm (juvenile)

Right
GSC Type No. 55160, Labrador Shelf, height 45.3 mm (adult, early whorls missing)

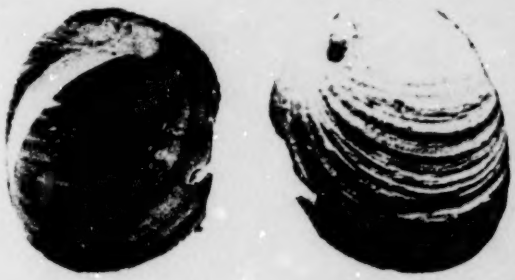
Superfamily CYPRAEACEA Rafinesque, 1815
Family VELUTINIDAE Gray, 1840
Subfamily VELUTININAE Gray, 1840
Genus *Velutina* Fleming, 1821
Subgenus *Velutina* Fleming, 1821
Velutina (Velutina) velutina (Müller)

= *Bulla velutina* Müller, 1776, Zoologiae Danicae Prodromus, p. 242.
Helix laevigata Linné, 1758 [nomen dubium]
Velutina laevigata Pennant, 1777
Velutina capuloidea Blainville, 1825
Velutina rupicola Conrad, 1866
Velutina schneideri Friele, 1886

GSC Type No. 55157, Bay of Fundy, length 10.5 mm

Subgenus *Limmeria* H. and A. Adams, 1853
Velutina (Limmeria) undata Brown

= *V. undata* Brown, 1839, *in* Smith, Memoir, Wernerian Natural History Society of Edinburgh, v. 8, p. 102.
Velutina zonata Gould, 1841



GSC Type No. 55158, Baie des Chaleurs, length 9.0 mm

Superfamily NATICACEA Gray, 1840
Family NATICIDAE Gray, 1840
Subfamily NATICINAE Gray, 1840
Genus *Natica* Scopoli, 1777
Subgenus *Tectonatica* Sacco, 1890
Natica (Tectonatica) clausa Broderip and Sowerby

= *N. clausa* Broderip and Sowerby, 1829, Journal Zoology, London, v. 4, pt. 15, p. 372.
Natica affinis Gmelin, 1791 [nomen dubium]
Natica consolidata Couthouy, 1838
Natica septentrionalis Möller, 1842
Natica algida Gould, 1848
Natica russa Gould, 1859
Natica acosmita Dall, 1919
Natica aleutica Dall, 1919
Natica salimba Dall, 1919

GSC Type No. 55161, Labrador Shelf, height 11.5 mm

Subfamily POLINICINAE Gray, 1847
Genus *Polinices* Montfort, 1810
Polinices nanus (Möller)

= *Natica nana* Möller, 1842, Index Molluscorum Groenlandiae; Naturhist. Tidsskrift., v. 4, pt. 1, p. 7.

**GSC Type 55162,
Bay of Fundy,
height 14.8 mm**

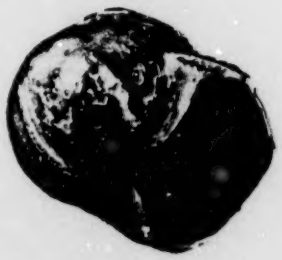
Genus *Lunatia* Gray, 1847
Lunatia pallida (Broderip and Sowerby)

= *Natica pallida* Broderip and Sowerby, 1829, Journal of Zoology, London, v. 4, pt. 15, p. 372.
Natica borealis Gray, 1839
Natica pusilla Gould, 1841
Natica groenlandica Möller, 1842
Lunatia caurina Gould, 1847
Lunatia (?) *canonica* Dall, 1919
Lunatia monterona Dall, 1919

**GSC Type No. 55163,
Gulf of Maine,
height 27.8 mm**

Lunatia triseriata (Say)

= *Natica triseriata* Say, 1826, Journal, Academy of Natural Sciences of Philadelphia, v. 5, p. 209.



**GSC Type No. 55164,
Bay of Fundy,
height 6.3 mm**

Genus *Amauropsis* Mörch, 1857
Amauropsis purpurea Dall

= *A. purpurea* Dall, 1871, American Journal of Conchology, v. 7, p. 124.
This may possibly be a synonym of *A. islandica* (Gmelin, 1791).

GSC Type No. 55165,
Beaufort Sea,
height 5.1 mm

Superfamily MURICACEA daCosta, 1776
Family MURICIDAE daCosta, 1776
Subfamily TROPHONINAE Marwick, 1924
Genus *Boreotrophon* Fischer, 1884
Boreotrophon clathratus (Linné)

= *Murex clathratus* Linné, 1767, Systema Naturae, ed. 12, v. 1, p. 1223.
Fusus (?) *multicostatus* Eschscholtz, 1829
Fusus lamellosus Gray, 1839
Fusus (?) *gunneri* Lovén, 1846
Fusus scalariformis Gould, 1838 is a subspecies

GSC Type No. 55166,
Labrador Shelf,
height 17.8 mm

Boreotrophon fabricii (Möller)

= *Trophon fabricii* 'Beck' Möller, 1842, Index Molluscorum Groenlandiae; Naturhist. Tiddskrift., v. 4, pt. 1, p. 14.
Tritonium craticulatum Fabricius, 1780 [not *T. craticulatum* Linné, 1767 (a *Murex*) – nomen oblitum]
Murex borealis Reeve, 1845

GSC Type No. 55167,
Labrador Shelf,
height 31.0 mm

Boreotrophon truncatus (Strom)

= *Buccinum truncatum* Strøm, 1767, Norske Vidensk. Selsk. Skr., v. 4, p. 369.

**GSC Type No. 55168,
Bay of Fundy,
height 12.0 mm**

Superfamily BUCCINACEA Rafinesque, 1815
Family COLUMBELLIDAE Swainson, 1840
Genus *Mitrella* Risso, 1826
Subgenus *Astyris* H. and A. Adams, 1853
Mitrella (Astyris) lunata (Say)

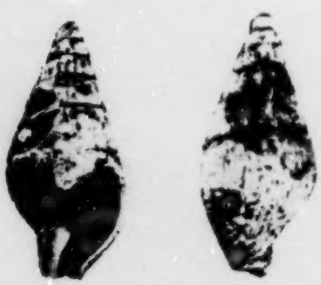
= *Nassa lunata* Say, 1826, Journal, Academy of Natural Sciences of Philadelphia, v. 5, p. 213.
Mitrella duclosiana d'Orbigny, 1842
Mitrella wheatleyi DeKay, 1843
Mitrella zonalis Gould, 1848 [possibly]
Mitrella dissimilis Stimpson, 1851
Mitrella gouldiana Stimpson, 1851
Mitrella spirantha Ravenal, 1861

**GSC Type No. 55169, Miramichi,
height 2.9 mm**

Mitrella (Astyris) rosacea (Gould)

= *Buccinum rosaceum* Gould, 1841, Silliman's Journal, v. 38, p. 197.
Mitrella holboellii (Möller, 1842)

**GSC Type No. 55170,
Bay of Fundy,
height 6.5 mm**



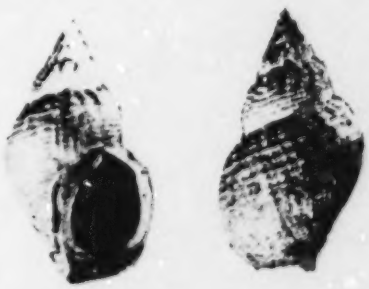
Family BUCCINIDAE Rafinesque, 1815
Genus *Buccinum* Linné, 1758
Buccinum ciliatum (Fabricius)

= *Tritonium ciliatum* Fabricius, 1780, Fauna Groenlandica, p. 401.

GSC Type No. 55171,
Bay of Fundy,
height 10.0 mm

Buccinum plectrum Stimpson

= *B. plectrum* Stimpson, 1865, Canadian Naturalist, v. 2, no. 5, p. 374.



GSC Type No. 55172,
Bay of Fundy,
height 42.5 mm

Buccinum tenue Gray

= *B. tenue* Gray, 1839, Beechey's Voyage, Zoology, p. 128, pl. 36, fig. 19
Buccinum scalariforme 'Beck' Möller, 1842
Buccinum elatium Tryon, 1880
Buccinum lyperum Dall, 1919
Buccinum rhodium Dall, 1919

GSC Type No. 55173,
Baie des Chaleurs,
height 41.1 mm

Buccinum undatum Linné

– *B. undatum* Linné, 1758, Systema Naturae, ed. 10, p. 740.
Buccinum striatum Pennant, 1777

**GSC Type No. 55174,
Labrador Shelf,
height 13.9 mm**

Genus *Volutopsius* Mörch, 1857
Subgenus *Volutopsius* Mörch, 1857
Volutopsius (Volutopsius) norvegicus (Gmelin)?

– *Strombus norvegicus* Gmelin, 1971, *in* Linné Systema Naturae, ed. 13, p. 3520.
Fusus largillierti: Petit de la Saussaye, 1851

**GSC Type No. 55175,
Beaufort Sea,
height 12.1 mm**

Genus *Beringius* Dall, 1886
Beringius ossiani (Friele)?

– *Neptunea ossiani* Friele, 1879, Fr. Jahrb. Malak. Gesell. 6, p. 279.

**GSC Type No. 55176,
Exeter Bay,
height 7.2 mm**

Genus *Colus* Röding, 1798
Subgenus *Colus* Röding, 1798
Colus (Colus) stimpsoni (Mörch)

= *Fusus stimpsoni* Mörch, 1867, Vid. Medd. Naturh. Foren., p. 83.
Fusus islandicus Gould, 1841 [not Gmelin]
Sipho brevis Verrill, 1882
Sipho liratulus Verrill, 1882

GSC Type No. 55177,
Bay of Fundy,
height 67.4 mm

Subgenus *Anomalosipho* Dautzenberg and Fischer
Colus (Anomalosipho) lividus (Mörch)

= *Fusus (Sipho) lividus* Mörch, 1862, Journal de Conchyliologie, v. 10, p. 36, pl. 1, fig. 1.

GSC Type No. 55178,
Gulf of Maine,
height 13.8 mm

Colus (Anomalosipho) pubescens (Verrill)

= *Sipho pubescens* Verrill, 1882, Catalcgue of the marine Mollusca of New England, p. 501, pl. 43, fig. 6, pl. 57, fig. 25.
Fusus hirsutus Jeffreys, 1883 [probably a synonym]

GSC Type No. 55179,
Bay of Fundy,
height 15.7 mm

Subgenus *Aulacofusus* Dall, 1918

Colus (Aulacofusus) spitzbergensis (Reeve)

= *Fusus sptizbergensis* Reeve, 1885, *in* E. Belcher, Last of the Arctic voyages, p. 395, pl. 32, fig. 6.
Tritonium shantaricum Middendorff, 1849 [nomen oblitum]

GSC Type No. 55180,
Bay of Fundy,
height 16.4 mm

Colus lachesis (Mörch)

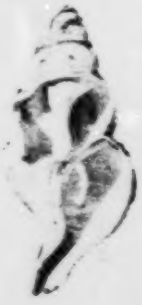
= *Fusus lachesis* Mörch, 1869, Catalogue des mollusques testacées des mers d'Europe, p. 274.

GSC Type No. 55181,
Labrador Shelf,
height 15.1 mm

Colus togatus (Mörch)?

= *Fusus ebur* var. *togata* Mörch, 1869, Catalogue des mollusques testacées des mers d'Europe, p. 275; *Fusus (Siphonorbis) togatus* Mörch, 1869, Journ. Conch., v. 17, p. 398.
Sipho curtus Jeffreys, 1867 [description inadequate]

GSC Type No. 55182,
Beaufort Sea,
height 42.8 mm



Genus Neptunea Röding, 1798
Neptunea decemcostata (Say)

= *Fusus decemcostatus* Say, 1826, Journal, Academy of Natural Sciences of Philadelphia, v. 5, p. 214.

GSC Type No. 55183, Bay of Fundy, height 11.9 mm

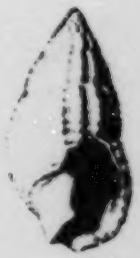
Neptunea heros (Gray)

= *Chrysodomus heros* Gray, 1850, Proceedings, Zoological Society of London, v. 18, p. 15, pl. 7.
Murex antiquus Linné, 1758
Tritonium fornicatum Fabricius, 1780
Fusus fornicatus Reeve, 1848
Tritonium (Fusus) antiquum Middendorff, 1849

GSC Type No. 55184, Beaufort Sea, height 64.5 mm

Family NASSARIIDAE Iredale, 1916
Genus *Nassarius* Duméril, 1806
Subgenus *Hinia* Gray, 1847
Nassarius (Hinia) trivittatus (Say)

= *Nassa trivittata* Say, 1822, Journal, Academy of Natural Sciences of Philadelphia, v. 2, p. 231.



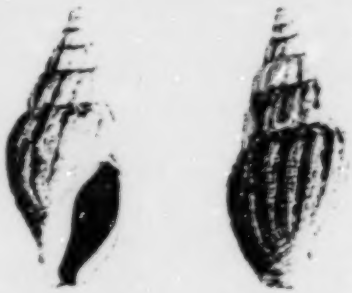
GSC Type No. 55185, Bay of Fundy, height 17.5 mm

Superfamily VOLUTACEA Rafinesque, 1815
Family TURRIDAE Swainson, 1840
Subfamily MANGELIINAE Fischer, 1887
Genus *Propebela* Iredale, 1918

Propebela cancellata (Mighels and Adams)

= *Fusus cancellatus* Mighels and Adams, 1842, Boston Journal of Natural History, v. 4, p. 52, pl. 4, fig. 18.
Propebela canadensis (Whiteaves, 1901)

GSC Type No. 55186,
Labrador Shelf,
height 14.8 mm



Propebela gouldii (Verrill)

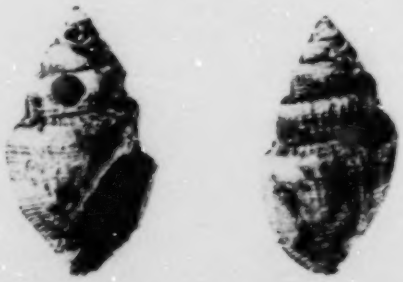
= *Bela gouldii* Verrill, 1882, Transactions, Connecticut Academy, v. 5, p. 465, pl. 7, fig. 6.

GSC Type No. 55187,
Bay of Fundy,
height 5.0 mm

Propebela novajasemliensis (Leche)

= *Pleurotoma novaja-semliensis* Leche, 1878, Kongl. Svenska Vetensk.-Akad. Handl, v. 16, p. 53, pl. 1, fig. 15.

GSC Type No. 55188,
Beaufort Sea,
height 6.1 mm



Propebela turricula (Montagu)

= *Murex turricula* Montagu, 1803, Testacea Britannica, ed. 1, v. 2, p. 262, pl. 9, fig. 1.
Bela scalaris Möller, 1842
Bela americana Packard, 1867
Bela ecarinata G.O. Sars, 1878
Bela nobilis Möller [Sars, 1878]
Bela scalaris Möller [Sars, 1878]
Bela rugulata Troschel [Friele, 1886]

GSC Type No. 55189,
Baie des Chaleurs,
height 15.9 mm

Genus *Oenopota* Mörch, 1852

Oenopota arctica (A. Adams)

= *Bela arctica* A. Adams, 1855, Proceedings, Zoological Society of London, p. 121.
Bela viridula Fabricius, 1842 [of authors]
Bela viridula (Möller)[of Sars, 1878]

GSC Type No. 55190,
Exeter Bay,
height 7.2 mm

Oenopota declivis (Lovén)

= *Tritonium declive* Lovén, 1846, Ofv. Kongl. Svenska Vetensk.-Akad. Forhandl., v. 3, pt. 5, p. 13.

GSC Type No. 55191,
Gulf of Maine,
height 7.4 mm

Oenopota decussata (Couthouy)

= *Pleurotoma decussata* Couthouy, 1838, Boston Journal of Natural History, v. 2, p. 183, pl. 4, fig. 8.
Bela tenuicostata M. Sars, 1868
Bela conoidea G.O. Sars, 1878

**GSC Type No. 55192,
Labrador Shelf,
height 9.1 mm**

Oenopota harpularia (Couthouy)

= *Fusus harpularius* Couthouy, 1838, Boston Journal of Natural History, v. 2, p. 106, pl. 1, fig. 10.

**GSC Type No. 55193,
Bay of Fundy,
height 8.0 mm**

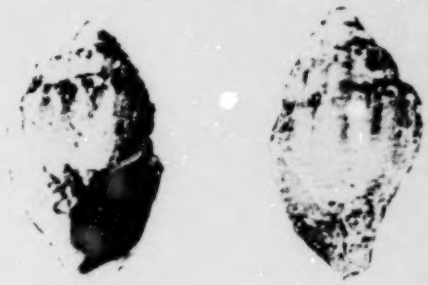
Oenopota incisula (Verrill)

= *Bela incisula* Verrill, 1882, Transactions of the Connecticut Academy, v. 5, p. 461, pl. 43.
Bela impressa Verrill, 1880

**GSC Type No. 55194,
Strait of Canso,
height of 5.4 mm**

Oenopota reticulata (Brown)

= *Pleurotoma reticulata* Brown, 1827, Illustrations of the recent conchology of Great Britain and Ireland, ed. 1., pl. 48, fig. 29,30.
Pleurotoma trevellianum Turton, 1834
Pleurotoma (?) *leucostoma* Reeve, 1845
Bela metschigamensis Krause, 1885
Bela colpoica Dall, 1919
Bela diegensis Dall, 1919
Bela pitysa Dall, 1919
Bela surana Dall, 1919



GSC Type No. 55195,
Labrador Shelf,
height 5.8 mm

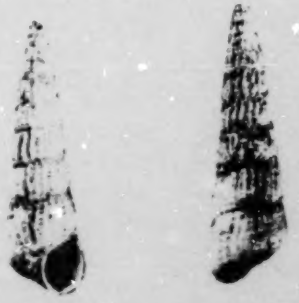
Subclass **Euthyneura** Spengel, 1881
Order **PYRAMIDELLOIDA** Gray, 1840
Superfamily PYRAMIDELLACEA Gray, 1940
Family PYRAMIDELLIDAE Gray, 1840
Subfamily ODOSTOMIINAE Pelseneer, 1928
Genus *Odostomia* Fleming, 1813
Odostomia cassandra Bartsch

= *O. cassandra* Bartsch, 1912, Proceedings, United States National Museum, v. 42, p. 285.

GSC Type No. 55196,
Beaufort Sea,
height 7.6 mm

Subfamily TURBONILLINAE Simroth, 1907
Genus *Turbonilla* Risso, 1826
Subgenus *Pyrgiscus* Philippi, 1841
Turbonilla (Pyrgiscus) interrupta (Totten)

= *Turritella interrupta* Totten, 1835, American Journal of Science, v. 28, no. 2, p. 352.



GSC Type No. 55197,
Gulf of Maine,
height 9.3 mm

Order **CEPHALASPIDEA** P. Fischer, 1883
Superfamily ACTEONACEA d'Orbigny, 1842
Family ACTEOCINIDAE Pilsbry, 1921
Genus *Acteocina* Gray, 1847
Acteocina canaliculata (Say)

= *Volvaria canaliculata* Say, 1826, Journal, Academy of Natural Sciences of Philadelphia, v. 5, p. 211.

GSC Type No. 55198,
Miramichi,
height 4.5 mm

Superfamily CYLICHNACEA A. Adams, 1850
Family CYLICHNIDAE A. Adams, 1850
Genus *Cylichna* Lovén, 1846
Cylichna alba (Brown)

= *Volvaria alba* Brown, 1827, Illustrations of the recent conchology of Great Britain and Ireland, p. 3, pl. 19, fig. 43, 44.
Volvaria (?) *corticata* Beck, 1842

GSC Type No. 55199,
Bay of Fundy,
height 5.0 mm

Cylichna gouldii (Couthouy)

= *Bulla gouldii* Couthouy, 1839, Boston Journal of Natural History, v. 2, p. 181, pl. 4, fig. 6.

GSC Type No. 55200,
Beaufort Sea,
height 5.2 mm

Missed Fig 3

Genus *Scaphander* Montfort, 1810
Scaphander punctostriatus Mighels

= *S. punctostriatus* Mighels, 1841, Proceedings, Boston Society of Natural History, v. 1, p. 49.

**GSC Type No. 55201,
Bay of Fundy,
height 6.3 mm**

Superfamily BULLACEA Rafinesque, 1815
Family RETUSIDAE Thiele, 1926
Genus *Retusa* Brown, 1827
? *Retusa umbilicata* (Montagu)

= *Bulla umbilicata* Montagu, 1803, Testacea Britannica, ed. 1, v. 1, p. 222.
Cylichna nitidula Lovén, 1846
Cylichna strigella Lovén, 1846

No illustrations available; specimens broken

Order **THECOSOMATA** Blainville, 1824
Suborder EUTHECOSOMATA Meisenheimer, 1905
Family LIMACINIDAE Blainville, 1823
Genus *Limacina* Bosc, 1817
Subgenus *Thilea* Strebel, 1908
Limacina (Thilea) lesueurii (d'Orbigny)

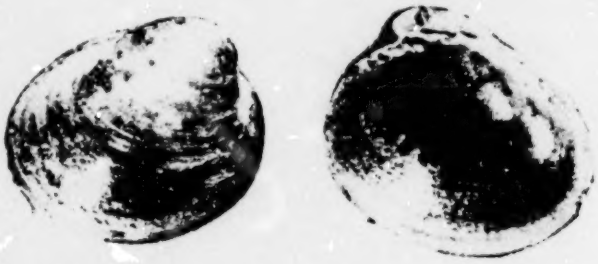
= *Atlanta lesueurii* d'Orbigny, 1836, Voyage dans l'Amérique méridionale, v. 5, no. 3, p. 177.

**GSC Type No. 55202,
Bay of Fundy,
diameter 1.0 mm**

Class **BIVALVIA** (Bonnani, 1681) Linné, 1758

Subclass **Palaeotaxodonta** Korobkov, 1954
Order **NUCULOIDA** DALL, 1889
Superfamily NUCULACEA Gray, 1824
Family NUCULIDAE Gray, 1824
Genus *Nucula* Lamarck, 1799
Subgenus *Nucula* Lamarck, 1799
Nucula (Nucula) delphinodonta Mighels and Adams

= *N. delphinodonta* Mighels and Adams, 1842, Boston Journal of Natural History, v. 4, p. 40.



GSC Type No. 55203, Gulf of Maine, length 2.8 mm

Nucula (Nucula) proxima Say

= *N. proxima* Say, 1820, American Journal of Science, ser. 1, v. 2, p. 40.

GSC Type No. 55204, Bay of Fundy, length 4.5 mm

Subgenus *Leionucula* Quenstedt, 1930
Nucula (Leionucula) tenuis (Montagu)

= *Arca tenuis* Montagu, 1808, Testacea Britannica, Supplement, p. 56, pl. 29, fig. 1.
Nucula inflata Hancock, 1846
Nucula expansa Reeve, 1855
Nucula bushae Dollfuss, 1898
Nucula subovata Verrill and Bush, 1898
[not d'Orbigny, 1850]

GSC Type No. 55205, Beaufort Sea, length 10.3 mm

Superfamily NUCULANACEA H. and A. Adams, 1858
Family NUCULANIDAE H. and A. Adams, 1858
Genus *Nuculana* Link, 1807
Subgenus *Nuculana* Link, 1807
Nuculana (Nuculana) minuta (Fabricius)

= *Arca minuta* Fabricius, 1776, Fauna Groenlandica, p. 414.
Nuculana lomaensis (Dall, 1919)

GSC Type No. 55206, Labrador Shelf, length 10.9 mm

Nuculana (Nuculana) pernula (Müller)

= *Arca pernula* Müller, 1779, Berschaftigungen der Berlinische Gesellschaft naturforschender Freunde, v. 4, p. 55-59.
Leda rostrata Schumacher, 1817
Nucula obsoleta Brown, 1827
Nucula oblonga Brown, 1845
Leda pernuloides Dunker, 1882
Leda pernula costigera Leche, 1883
Leda pernula lamellosa Leche, 1883

GSC Type No. 55207, Baie des Chaleurs, length 21.0 mm

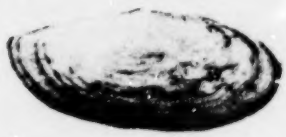
Nuculana (Nuculana) tenuisulcata (Couthouy)

= *Nucula tenuisulcata* Couthouy, 1838, Boston Journal of Natural History, v. 2, p. 64.

GSC Type No. 55208, Gulf of Maine, length 11.2 mm

Genus *Yoldia* Möller, 1842
Subgenus *Yoldia* Möller, 1842
Yoldia (Yoldia) amygdalea Valenciennes

= *Y. amygdalea* Valenciennes, 1846, *in* Abel du Petit-Thomas, Atlas de Zoologie, Mollusques, p.
Yoldia norvegica Dautzenberg and Fischer, 1912
Yoldia gardneri Oldroyd, 1935
Yoldia limatuloides Ockelmann, 1954



GSC Type No. 55209, Baie des Chaleurs, length 26.0 mm

Yoldia hyperborea Torell (Lovén MS)

= *Y. hyperborea* Torell (Lovén MS), 1859, Bidrag til Spitzbergen Mollusk-fauna, Akad. Afhand. Stockholm, p. 142, pl. 2, fig. 6a-b.
Yoldia arctica M. Sars, 1851
Yoldia glacialis "Gray" of authors (not Gray 1828)

GSC Type No. 55301, Beaufort Sea, length 27.8 mm

Yoldia (Yoldia) limatula (Say)

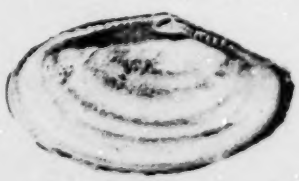
= *Nucula limatula* Say, 1831, Amer. Conch., p. 163, pl. 12.

GSC Type No. 55210, Strait of Canso, length 29.3 mm

Yoldia (Yoldia) myalis Couthouy

= *Nucula myalis* Couthouy, 1838, Boston Journal of Natural History, v. 2, p. 62, pl. 3, fig. 7.
Nucula oblongoides Wood, 1840
Nucula cascoensis Mighels and Adams, 1844

GSC Type No. 55211, length 16.7mm



GSC Type No. 55212, length 17.0 mm

both Bay of Fundy

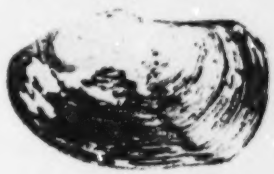
Yoldia (Yoldia) sapotilla (Gould)

= *Nucula sapotilla* Gould, 1841, A report on the Invertebrata of Massachusetts, p. 100.
Nucula gouldii DeKay, 1843

GSC Type No. 55213, Strait of Canso, length 24.1 mm

Subgenus *Megayoldia* Verrill and Bush, 1897
Yoldia (Megayoldia) thraciaeformis Storer

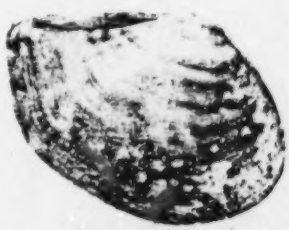
= *Y. thraciaeformis* Storer, 1838, Boston Journal of Natural History, v. 2, p. 122.

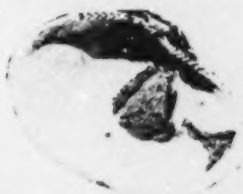


GSC Type No. 55214, Labrador Shelf, length 41.5 mm

Genus *Portlandia* Mörch, 1857
Subgenus *Portlandia* Mörch, 1857
Portlandia (Portlandia) arctica (Gray)

= *Nucula arctica* Gray, 1824, Supplement to Appendix, Parry's Voyage for the Discovery of northwest passage in the years 1819-1820, Appendix 10, Zoology, p. 241.
Nucula siliqua Reeve *in* Belcher, 1855
Leda (Portlandia) collinsoni Dall, 1919

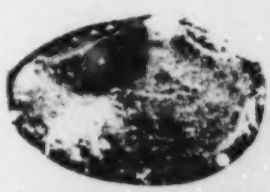




GSC Type No. 55215, Beaufort Sea, length 15.6 mm

Subgenus *Yoldiella* Verrill and Bush
Portlandia (Yoldiella) dissimilis (Verrill and Bush)

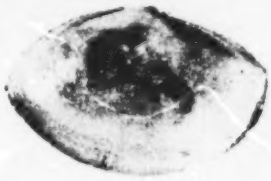
= *Yoldiella dissimilis* Verrill and Bush, 1898, Proceedings, United States National Museum, v. 20, p. 872, pl. 78, fig. 8, pl. 82, fig. 7.



GSC Type No. 55216, Bay of Fundy, length 1.6 mm

Portlandia (Yoldiella) fraterna (Verrill and Bush)

= *Yoldiella fraterna* Verrill and Bush, 1898, Proceedings, United States National Museum, v. 20, p. 867, pl. 80, fig. 5, pl. 82, fig. 8.
Portlandia frigida nana Jensen, 1905 [*fide* Ockelmann, 1958, not *Yoldia nana* M. Sars, 1865].



**GSC Type No. 55217,
Bay of Fundy,
length 3.0 mm**

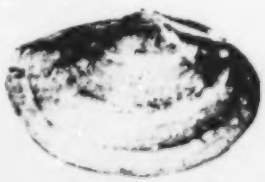
Portlandia (Yoldiella) frigida (Torell)

= *Yoldia frigida* Torell, 1859, Bidrag till Spitzbergen Mollusk-fauna; Akad. Afhand. Stockholm, p. 148, pl. 1, fig. 3.

**GSC Type No. 55218,
Exeter Bay,
length 1.1 mm**

Portlandia (Yoldiella) inconspicua (Verrill and Bush)

= *Yoldiella inconspicua* Verrill and Bush, 1898, Proceedings, United States National Museum, v. 20, p. 869, pl. 79, fig. 3,5.



**GSC Type No. 55219,
Gulf of Maine,
length 4.1 mm**

Portlandia (Yoldiella) intermedia (M. Sars)

= *Yoldia intermedia* M. Sars, 1865, Om de i forekommende fossile Dyrelevninger fra Quartaerperioden; Christiana, p. 38, fig. 92-96.
Yoldiella intermedia major Leche, 1878

**GSC Type No. 55220,
Beaufort Sea,
length 4.5 mm**

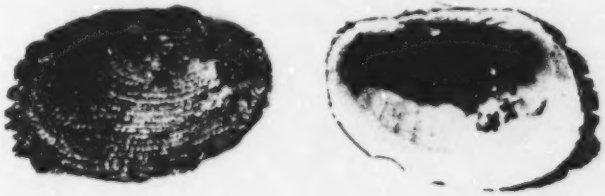
Portlandia (Yoldiella) lenticula (Möller)

= *Nucula lenticula* Möller, 1842, Index Molluscorum Groenlandiae; Naturhist. Tidsskr., v. 4, p. 17.
Yoldia abyssicola Torell, 1859
Yoldia lenticula amblia Verrill and Bush, 1898
Portlandia (Yoldiella) persei Mesjatsev, 1931

**GSC Type No. 55221,
Beaufort Sea,
length 4.2 mm**

Subclass **Pteriomorphia** Beurlen, 1944
Order **ARCOIDA** Stoliczka, 1871
Superfamily ARCACEA Lamarck, 1809
Family ARCIDAE Lamarck, 1809
Subfamily ANADARINAE Reinhart, 1935
Genus *Bathyarca* Kobelt, 1891
Bathyarca frielei (Friele)

= *Arca frielei* (Jeffreys MS) Friele, 1879, Jahrb. deutsch. malacozool. Ges., Jahrg. 6, pl. 4, fig. 9. [*B. frielei* is probably a synonym of *B. raridentata* (Wood, 1840) – *fide* Bernard, 1979].



**GSC Type No. 55222,
Beaufort Sea,
length 5.2 mm**

Bathyarca glacialis (Gray)

= *Arca glacialis* Gray, 1824, Supplement to Appendix, Parry's Voyage for the Discovery of northwest passage in the years 1819-1820, Appendix 10, Zoology, p. 244.

**GSC Type No. 55223,
Beaufort Sea,
length 14.6 mm**

Bathyarca raridentata (Wood)

= *Arca raridentata* Wood, 1840, Magazine of Natural History, v. 4, p. 232, pl. 13, fig. 4.
Arca pectunculoides of authors [not Scacchi, 1834]
Arca pectunculoides crenulata Verrill, 1882

GSC Type No. 55224, Bay of Fundy, length 9.2 mm

Order **MYTILOIDA** Férussac, 1822
Superfamily MYTILACEA Rafinesque, 1815
Family MYTILIDAE Rafinesque, 1815
Subfamily MYTILINAE Rafinesque, 1815
Genus *Mytilus* Linné, 1758
Mytilus edulis Linné

= *M. edulis* Linné, 1758, Systema Naturae, ed. 10, p. 705.

GSC Type No. 55225, Miramichi, length 24.7 mm

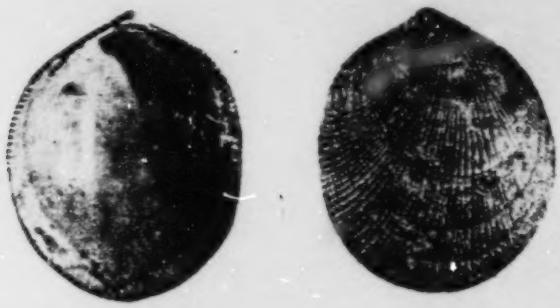
Subfamily CRENELLINAE H. and A. Adams, 1857
Genus *Crenella* Brown, 1827
Subgenus *Crenella* Brown, 1827
Crenella (Crenella) decussata (Montagu)

= *Mytilus decussatus* Montagu, 1808, Testacea Britannica, Supplement, p. 69.

GSC Type No. 55226, Strait of Canso, length 2.0 mm

Crenella (Crenella) glandula Totten

= *C. glandula* Totten, 1834, American Journal of Science, v. 26, p. 367.

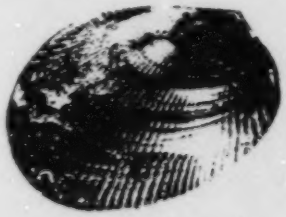


GSC Type No. 55227, Gulf of Maine, length 8.0 mm

Subgenus *Arvella* Bartsch *in* Scarlato, 1960
Crenella (Arvella) faba (Müller)

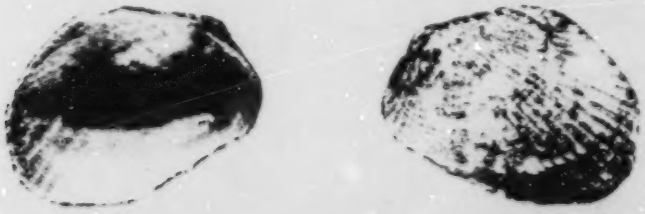
= *Mytilus faba* Müller, 1776, Zoologiae Danicae Prodromus, p. 250.

GSC Type No. 55228, Baie des Chaleurs, length 9.1 mm



Genus *Musculus* Röding, 1798
Musculus corrugatus (Stimpson)

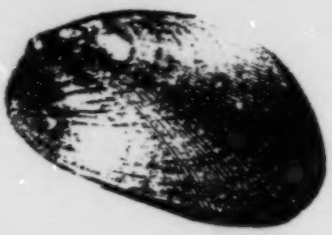
= *Mytilus corrugatus* Stimpson, 1851, Shells of New England; Boston, p. 12.



GSC Type No. 55229, Beaufort Sea, length 4.5 mm

Musculus niger (Gray)

= *Modiola nigra* Gray, 1824, Supplement to Appendix, Parry's Voyage for the Discovery of northwest passage in the years 1819-1820, Appendix 10, Zoology, p. 244.
Modiola nexa Gould, 1841
Musculus niger obesus Dall, 1916
Musculus niger protractus Dall, 1916



GSC Type No. 55230,
Labrador Shelf,
length 42.7 mm

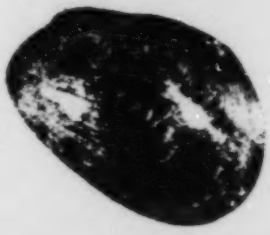
Subfamily MODIOLINAE Keen, 1958
Genus *Modiolus* Lamarck, 1799
Modiolus modiolus (Linné)

= *Mytilus modiolus* Linné, 1758, Systema Naturae, ed. 10, p. 706.

GSC Type No. 55231,
Bay of Fundy,
length 51.0 mm

Genus *Dacrydium* Torell, 1859
Dacrydium vitreum (Möller [Höboll MS])

= *Mytilus vitrea* Möller [Hölboll MS], 1842, Index Molluscorum Groenlandiae, p. 19.



GSC Type No. 55232,
Exeter Bay,
length 3.5 mm

Genus *Geukensia* Poel, 1959
Geukensia demissa (Dillwyn)

= *Mytilus demissus* Dillwyn, 1817, A descriptive catalogue of recent shells . . . , London, v. 1, p. 314. [known previously as *Modiolus demissus*]

GSC Type No. 55233,
Miramichi,
length 47.5 mm

Order **PTERIOIDA** Newell, 1965
Suborder PTERIINA Newell, 1965
Superfamily PECTINACEA Rafinesque, 1815
Family PECTINIDAE Rafinesque, 1815
Subfamily CHLAMYDINAE Korobkov, 1960
Genus *Chlamys* Röding, 1798
Subgenus *Chlamys* Röding, 1798
Chlamys (Chlamys) islandica (Müller)

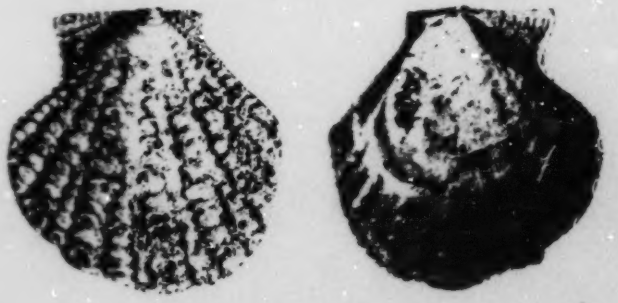
= *Pecten islandicus* Müller, 1776, Zoologiae Danicae Prodromus, p. 248.

GSC Type No. 55234,
Bay of Fundy,
length 43.2 mm

Genus *Cyclopecten* Verrill, 1897
Cyclopecten pustulosus (Verrill)

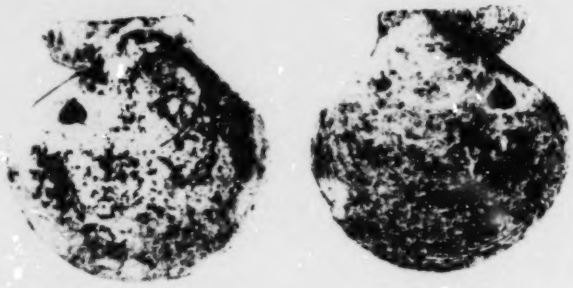
= *Pecten pustulosus* Verrill, 1873, American Journal of Science, ser. 3, v. 5, p. 14.

GSC Type No. 55235,
Gulf of Maine,
length 8.1 mm



Genus *Palliolum* Monterosato, 1884
Subgenus *Palliolum* Monterosato, 1884
Palliolum (Palliolum) imbrifer (Lovén)

= *Pecten imbrifer* Lovén, 1846, Ind. Moll. Scand. Occid., p. 31.



**GSC Type No. 55236,
Bay of Fundy,
length 10.0 mm**

Palliolum (Palliolum) striatum (Müller)

= *Pecten striatus* Müller, 1776, Zoologiae Danicae Prodromus, p. 248.

**GSC Type No. 55237,
Bay of Fundy,
length 11.0 mm**

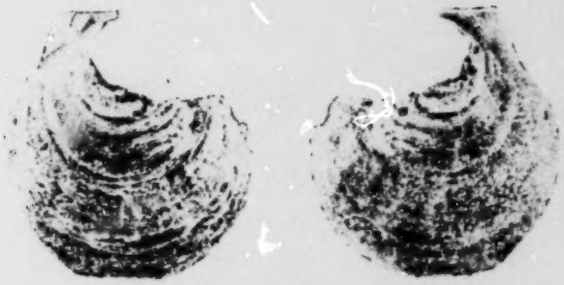
Palliolum (Palliolum) subimbrifer (Verrill and Bush)

= *Pecten subimbrifer* Verrill and Bush, 1897, Transactions, Connecticut Academy, v. 10, p. 84, 92.
Pecten hoskynsi Verrill, 1882 [not Forbes]

**GSC Type No. 55238,
Bay of Fundy,
length 6.4 mm**

Genus *Delectopecten* Stewart, 1930
? *Delectopecten vitreus* (Gmelin)

= *Pecten vitreus* Gmelin, 1792, Systema Naturae, v. 1, p. 3228 (?).



GSC Type No. 55239,
Bay of Fundy,
length 8.6 mm

Genus *Arctinula* Thiele, 1935
Arctinula greenlandica (Sowerby)

= *Pecten greenlandicus* Sowerby, 1842, Thesaurus Conchyliorum. pt. II, p. 57, pl. 3, fig. 40.
Pecten vitreus Gray, 1824 [not *Ostrea vitrea* Dillwyn, 1817]
Pseudamusium andersoni Dall, 1919 [not *Pecten andersoni* Arnold, 1906]
Pecten binominatus Hanna, 1924

GSC Type No. 55240,
Exeter Bay,
length 11.9 mm

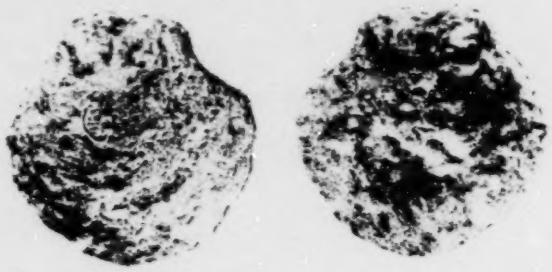
Genus *Placopecten* Verrill, 1897
Placopecten magellanicus (Gmelin)

= *Ostrea magellanicus* Gmelin, 1791, Systema Naturae, ed. 13, p. 3317.
Pecten (?) *grandis* Lightfoot, [nomen nudum]
Pecten testudinarium Röding, 1798 and 1819
Pecten tenuicostatus Mighels and Adams, 1841
Pecten fuscus "Linsley" Gould, 1848
Pecten brunneus Stimpson, 1851

GSC Type No. 55241,
Baie des Chaleurs,
length 84.9 mm

Superfamily ANOMIACEA Rafinesque, 1815
Family ANOMIIDAE Rafinesque, 1815
Genus *Anomia* Linné, 1758
Anomia simplex d'Orbigny

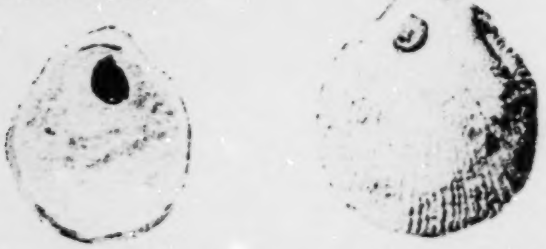
= *A. simplex* d'Orbigny, 1845, Moll. Cubana, p. 367, pl. 38, fig. 31-33.



GSC Type No. 55242, Strait of Canso, length 10.7 mm

Anomia squamula Linné

= *A. squamula* Linné, 1758, Systema Naturae, ed. 10, p. 701.
Anomia aculeata Müller, 1776
Anomia aculeata Gmelin, 1791



GSC Type No. 55243, length 9.7

GSC Type No. 55244, length 11.5 mm

both Bay of Fundy

Superfamily LIMACEA Rafinesque, 1815
Family LIMIDAE Rafinesque, 1815
Genus *Limatula* Wood, 1839
Limatula subauriculata (Montagu)

= *Pecten subauriculata* Montagu, 1808, Testacea Britannica, Supplement, p 63.

GSC Type No. 55245, Labrador Shelf, length 5.8 mm

Superfamily OSTREINA Férussac, 1822
Family OSTREIDAE Rafinesque, 1815
Genus *Crassostrea* Sacco, 1897
Crassostrea virginica (Gmelin)

= *Ostrea virginica* Gmelin, 1791, Systema Naturae, ed. 13, v. 1, pt. 6, p. 3336.
Ostrea brasiliana Lamarck
Ostrea floridensis Sowerby

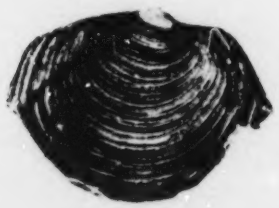
GSC Type No. 55246 length 25.0 mm

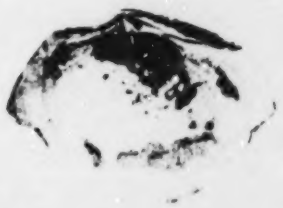
GSC Type No. 55247, length 26.7 mm

both Miramichi

Subclass **Heterodonta** Neumayr, 1884
Order **VENEROIDA** H. and A. Adams, 1856
Superfamily LUCINACEA Fleming, 1828
Family LUCINIDAE Fleming, 1828
Subfamily MYRTEINAE Chavan, 1969
Genus *Lucinoma* Dall, 1901
Lucinoma filosa (Stimpson)

= *Lucina filosa* Stimpson, 1851, Shells of New England, p. 17.





GSC Type No. 55248, Gulf of Maine, length 29.0 mm

Family THYASIRIDAE Dall, 1901
Genus *Thyasira* Leach *in* Lamarck, 1818
Thyasira croulinensis (Jeffreys)

= *Clausina croulinensis* Jeffreys, 1847, Annals and Magazine of Natural History, v. 20, p. 19.

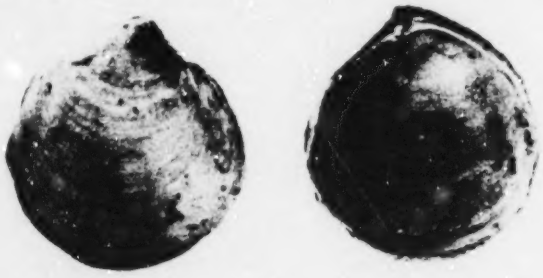
GSC Type No. 55249, length 3.7 mm

GSC Type No. 55250, length 3.9 mm

both Strait of Canso

Thyasira equalis Verrill and Bush

= *Cryptodon equalis* Verrill and Bush, 1898, Proceedings, United States National Museum, v. 20, p. 788, pl. 91, fig. 5, 6.



GSC Type No. 55251, Beaufort Sea, length 3.3 mm

Thyasira ferruginosa (Forbes)

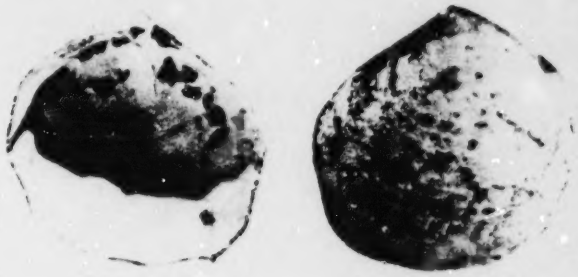
= *Kellia ferruginosa* Forbes, 1844, British Association for the Advancement of Science for 1843, p. 192.
[A synonym of *Thyasira (Axinulus) ferruginea* Winckworth, 1932 according to Abbott, 1974]

GSC Type No. 55252, Strait of Canso, length 2.0 mm

Thyasira flexuosa (Montagu)

= *Tellina flexuosa* Montagu, 1803, Testacea Britannica, p. 72.
Thyasira inaequalis Verrill and Bush, 1898
Thyasira insignis Verrill and Bush, 1898
Thyasira plana Verrill and Bush, 1898
[*Thyasira gouldii* Philippi and *T. sarsi* Philippi are only forms of *T. flexuosa* according to Abbott, 1974].

GSC Type No. 55253, Bay of Fundy, length 2.1 mm



Thyasira gouldii (Philippi)

= *Lucina gouldii* Philippi, 1845, Bemerkungen über die Mollusken Fauna von Massachusetts; Z. Malakozool., v. 2, p. 74, pl. 2, fig. 7.
Thyasira flexuosa of authors [not *Tellina flexuosa* Montagu, 1803]
Thyasira wajampolkana Krishtofovich, 1936
Thyasira tokunagai Kuroda and Habe, 1951

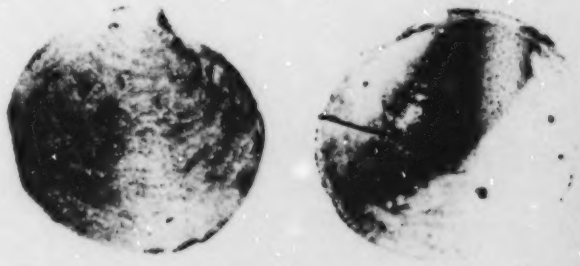
GSC Type No. 55254, Beaufort Sea, length 6.2 mm

Genus *Axinopsida* Keen and Chavan, in Chavan, 1851

Axinopsida orbiculata (G. Sars)

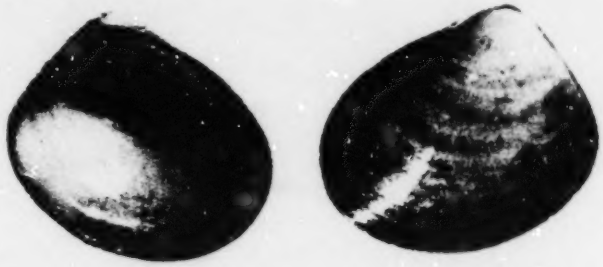
= *Axinopsis orbiculata* G. Sars, 1878, Mollusca regionis arcticae Norvegiae, p. 63, pl. 19, fig. 11a-d.

GSC Type No. 55255, Exeter Bay, length 4.1 mm



Superfamily LEPTONACEA Gray, 1847
Family MONTACUTIDAE Clark, 1855
Genus *Boreacola* Bernard, 1978
Boreacola vadosa Bernard

= *B. vadosa* Bernard, 1979, Contributions in Science, Natural History Museum of Los Angeles County, v. 313, p. 36, fig. 54, 56.



**GSC Type No. 55256,
Beaufort Sea,
length 2.2 mm**

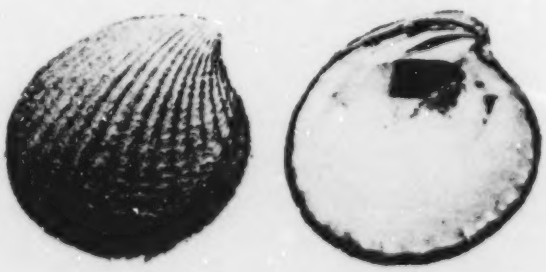
Genus *Mysella* Angas, 1877
Mysella planulata (Stimpson)

= *Kellia planulata* Stimpson, 1851, Shells of New England, p. 17.
Mysella tenuis Verrill and Bush, 1898
Mysella fragilis Verrill and Bush, 1898

**GSC Type No. 55257,
Strait of Canso,
length 1.1 mm**

Superfamily CARDITACEA Fleming, 1820
Family CARDITIDAE Fleming, 1828
Subfamily CARDITAMERINAE Chavan, 1969
Genus *Cyclocardia* Conrad, 1867
Cyclocardia borealis (Conrad)

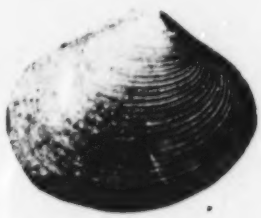
= *Cardita borealis* Conrad, 1831, American Marine Conchology, p. 39, pl. 8, fig. 1.



**GSC Type No. 55258,
Bay of Fundy,
length 23.8 mm**

Superfamily CRASSATELLACEA Férussac, 1844
Family ASTARTIDAE d'Orbigny, 1844
Genus *Astarte* J. Sowerby, 1816
Subgenus *Astarte* J. Sowerby, 1816
Astarte (Astarte) crenata (Gray)

= *Nicania crenata* Gray, 1824, Supplement to Appendix, Parry's voyage for the discovery of northwest passage in the years 1819-1820. Appendix 10, Zoology, p. 119.
Astarte semisulcata Möller, 1842
Astarte crenata inflata Hägg, 1904
Astarte crenata quadrata Filatova, 1957



GSC Type No. 55259, length 21.1 mm

GSC Type No. 55260, length 2.3 mm

both Bay of Fundy

Astarte (Astarte) subaequilatera Sowerby

= *A. subaequilatera* Sowerby, 1854, Thesaurus Conchyliorum, v. 2, pt. 2, p. 36. [Abbott, 1974 lists this as a variety of *A. crenata*]

GSC Type No. 55261, length 24.0 mm

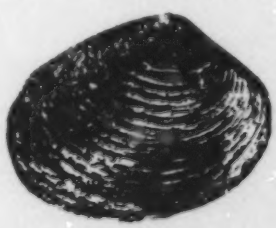
GSC Type No. 55262, length 22.5 mm

both Bay of Fundy

Astarte (Astarte) undata Gould

= *A. undata* Gould, 1841, A report on the Invertebrata of Massachusetts, p. 80.

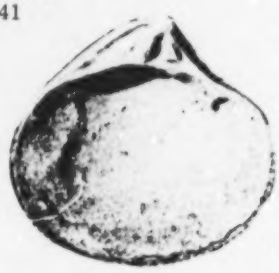
GSC Type No. 55263, Bay of Fundy, length 30.6 mm



Subgenus *Isocrassina* Chavan, 1950
Astarte (Isocrassina) castanea (Say)

= *Venus castaneus* Say, 1822, Journal, Academy of Natural Sciences of Philadelphia, v. 4, p. 273.
Astarte procera Totten, 1835
Astarte picea Gould, 1841

both Bay of Fundy



GSC Type No. 55264, length 22.5 mm

GSC Type No. 55265, length 22.6 mm

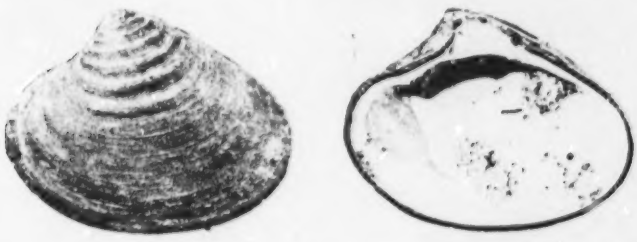
Subgenus *Tridonta* Schumacher, 1817
Astarte (Tridonta) borealis (Schumacher)

= *Tridonta borealis* Schumacher, 1817, Essai d'un nouveau système des habitations des vers testaces; Copenhagen, p. 47, pl. 17, fig. 1.
Venus borealis Chemnitz, 1784 (of "Linné") [not *Venus borealis* Linné, 1767]
Crassina withami J. Smith, 1839
Crassina semisulcata Leach, *in* Ross, 1819 [not *A. semisulcata* Möller, 1842]
Astarte richardsoni Reeve, 1855
Astarte saintjohnensis Verkrüzen, 1877
Astarte borealis ("Chemnitz") *of* Jensen, 1912, Oldroyd, 1925 and Scarlato, 1955
Astarte (Tridonta) borealis (Linné), Filatova, 1948
Astarte borealis ovata Filatova, 1957
Astarte (Tridonta) borealis pseudoactis Merklin and Petrov, *in* Petrov et al., 1962

GSC Type No. 55266, Labrador Shelf, length 29.6 mm

Astarte (Tridonta) elliptica (Brown)

= *Crassina elliptica* Brown, 1827, Illustrations of the recent conchology of Great Britain and Ireland, v. 1, pl. 18, fig. 3.



GSC Type No. 55267, Labrador Shelf, length 20.9 mm

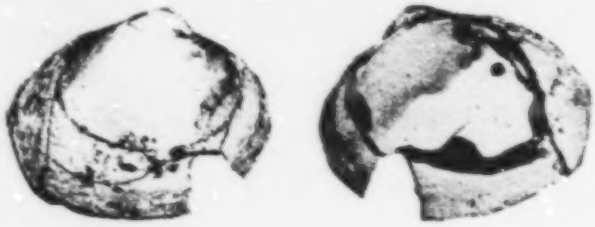
Subgenus *Nicania* Leach, 1819
Astarte (Nicania) montagui (Dillwyn)

= *Venus montagui* Dillwyn, 1817, A descriptive catalogue of recent shells; London, v. 1, p. 167.
Venus compressa Montagu, 1808 [not Linné, 1767]
Nicania banksii Leach, 1819
Nicania striata Leach, 1819
Astarte striata Gray, 1839
Astarte globosa Möller, 1842
Astarte multicostata MacGillivray, 1843
Astarte pulchella Jonas *in* Philippi, 1845
Astarte warhami Hancock, 1846
Astarte fabula Reeve, 1855
Astarte compressa Jeffreys, 1869

GSC Type No. 55268, Labrador Shelf, length 22.8 mm

Superfamily CARDIACEA Lamarck, 1809
Family CARDIIDAE Lamarck, 1809
Subfamily LAEVICARDIINAE Keen, 1936
Genus *Serripes* Gould, 1841 (*ex* Beck MS)
Serripes groenlandicus (Bruguière)

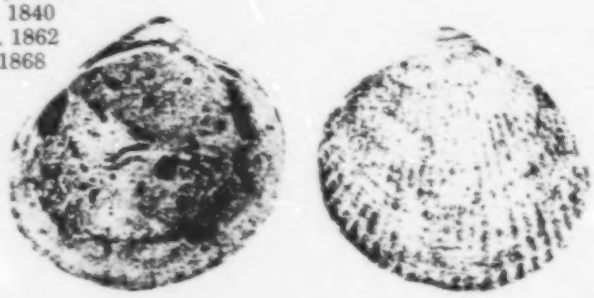
= *Cardium grönlandicum* Bruguière, 1789, Encyclopedie méthodique, histoire naturelle des vers, des mollusques, des coquillages et zoophytes; Paris, v. 1, pt. 1, p. 222.
Venus islandica (of "Linné") Fabricius, 1780 [not *Venus islandica* Linné, 1767].
Cardium gronlandicum Chemnitz, 1782 [non binomial]
Serripes album Verkrüzen, 1877
Serripes grönlandicus protractus Dall, 1900



GSC Type No. 55269, Baie des Chaleurs, length 31.2 mm

Genus *Clinocardium* Keen, 1936
Clinocardium ciliatum (Fabricius)

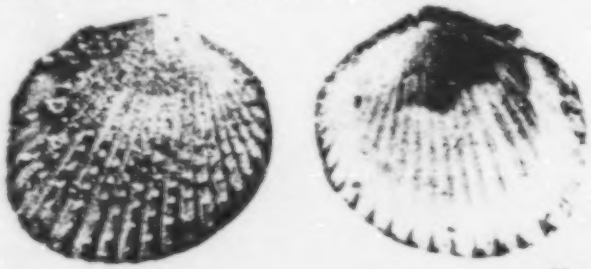
= *Cardium ciliatum* Fabricius, 1780, Fauna Groenlandica; Copenhagen, p. 410.
Cardium boreale Broderip and Sowerby, 1829
Cardium pubescens Couthouy, 1838
Cardium arcticum Sowerby, 1840
Cardium dawsoni Stimpson, 1862
Cardium hayesii Stimpson, 1868



GSC Type No. 55270, Baie des Chaleurs, length 59.2 mm

Genus *Cerastoderma* Poli, 1795
Cerastoderma echinatum (Linné)

= *Cardium echinatum* Linné, 1758, Systema Naturae, ed. 10, p. 1122.



GSC Type No. 55271, Strait of Canso, length 2.1 mm

Cerastoderma elegantulum (Beck) Möller

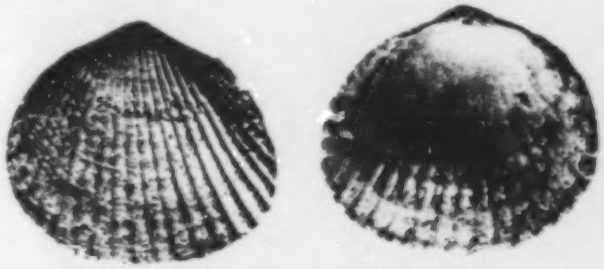
= *Cardium elegantulum* (Beck) *in* Möller, 1842, Index Molluscorum Groenlandiae, p. 20.

GSC Type No. 55272, Beaufort Sea, length 4.7 mm

Cerastoderma pinnulatum (Conrad)

= *Cardium pinnulatum* Conrad, 1831, Journal, Academy of Natural Sciences of Philadelphia, v. 6, p. 260, pl. 11, fig. 8.

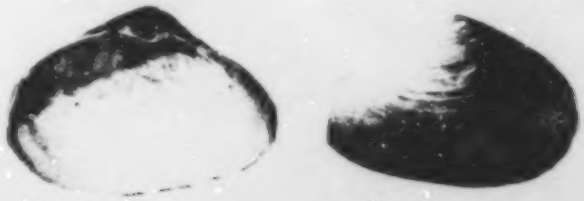
GSC Type No. 55273, Gulf of Maine, length 10.0 mm



Superfamily MACTRACEA Lamarck, 1809
Family MACTRIDAE Lamarck, 1809
Subfamily MACTRINAE Lamarck, 1809
Genus *Spisula* Gray, 1837
Subgenus *Mactromeris* Conrad, 1868
Spisula (Mactromeris) polynyma (Stimpson)

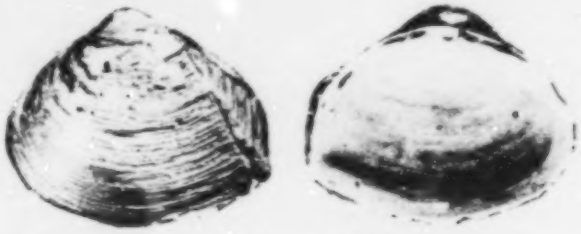
= *Mactra polynyma* Stimpson, 1860, Smithsonian Miscellaneous Collections, v. 2, pt. 6, no. 3, p. 3.
Mactra ovalis Gould, 1840 [not Sowerby, 1817]
Spisula polynyma alaskana Dall, 1894

GSC Type No. 55274, Bay of Fundy, length 94.0 mm



Genus *Mulinia* Gray, 1837
Mulinia lateralis (Say)

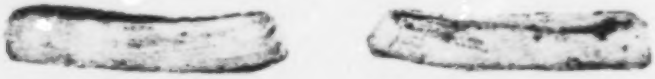
= *Mactra lateralis* Say, 1822, Journal, Academy of Natural Sciences of Philadelphia, v. 2, p. 309.
Mulinia corbuloides Deshayes, 1854



GSC Type No. 55275, Miramichi, length 7.3 mm

Superfamily SOLENACEA Lamarck, 1809
Family SOLENIDAE Lamarck, 1809
Subfamily PHARELLINAE Tryon, 1884
Genus *Ensis* Schumacher, 1817
Ensis directus (Conrad)

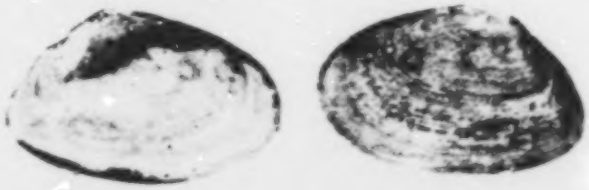
= *Solen directus* Conrad, 1843, Proceedings, Academy of Natural Science, v. 1, p. 325.



GSC Type No. 55276, Bay of Fundy, length 75.1 mm

Superfamily TELLINACEA de Blainville, 1814
Family TELLINIDAE de Blainville, 1814
Subfamily TELLININAE de Blainville, 1814
Genus *Tellina* Linné, 1758
Subgenus *Angulus* Megerle von Muhlfeld, 1811
Tellina (Angulus) agilis Stimpson

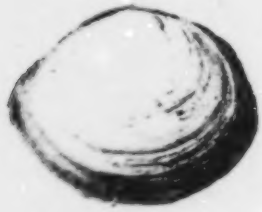
= *T. agilis* Stimpson, 1857, American Journal of Science, v. 25, p. 125.
Tellina tenera Say, 1822 [not Schrank, 1803; not Leach, 1818]
Tellina elucens Mighels, 1845 [possibly a synonym]



GSC Type No. 55277, Strait of Canso, length 6.9 mm

Subfamily MACOMINAE Olsson, 1961
Genus *Macoma* Leach, 1819
Macoma balthica (Linné)

= *Tellina balthica* Linné, 1758, Systema Naturae, ed. 10, p. 677.
Tellina inconspicua Broderip and Sowerby, 1829
Macoma fusca Holmes, 1860
Tellina rotundata Sowerby, 1867
Macoma groenlandica Beck, *in* Dawson, 1873



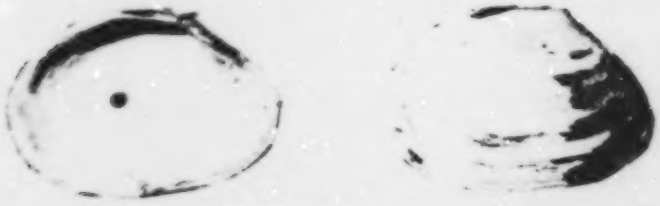
GSC Type No. 55278, length 16.9 mm

GSC Type No. 55279, length 15.1 mm

both Miramichi

Macoma calcarea (Gmelin)

= *Tellina calcarea* Gmelin, 1791, Caroli a Linné Systema naturae per regna tria naturae, ed. 13, v. 1, p. 3236.
Tellina calcarea Chemnitz, 1782 [non binomial]
Tellina lata Gmelin, 1791
Tellina proxima Sowerby, *in* Gray, 1839
Macoma sitkana Dall, 1900
Macoma calcarea longisinuata Soot-Ryen, 1932
Macoma calcarea obliqua Soot-Ryen, 1932

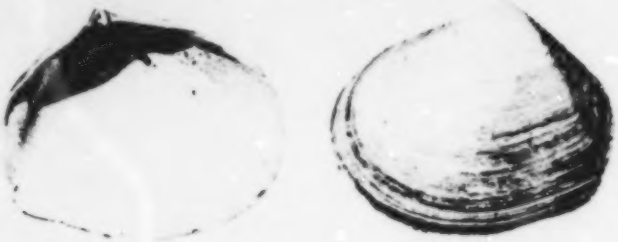


GSC Type No. 55280, Beaufort Sea, length 43.3 mm

Macoma inflata "Stimpson" Dawson

= *Macoma inflata* "Stimpson" Dawson, 1871, Canadian Naturalist, n.s., v. 6, p. 337.
Macoma inflata listed by Logan as early as 1863 [Geological Survey of Canada, Report of Progress from its commencement to 1863]

GSC Type No. 55281, Beaufort Sea, length 14.7 mm



Macoma moesta (Deshayes)

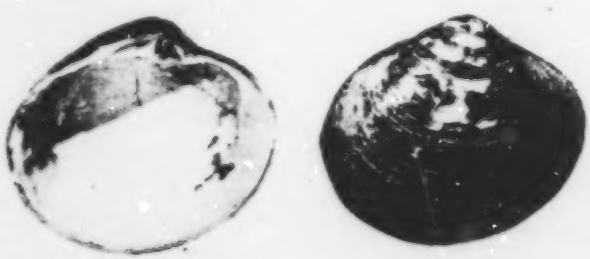
= *Tellina moesta* Deshayes, 1855, Proceedings, Zoological Society of London, for 1854, p. 361.
Macoma krausei Dall, 1900
Macoma oneilli Dall, 1919

GSC Type No. 55282, Beaufort Sea, length 18.3 mm

Superfamily ARCTICACEA Newton, 1891
Family ARCTICIDAE Newton, 1891
Genus *Arctica* Schumacher, 1817
Arctica islandica (Linné)

= *Venus islandica* Linné, 1767, Systema Naturae, ed. 12, p. 1131.

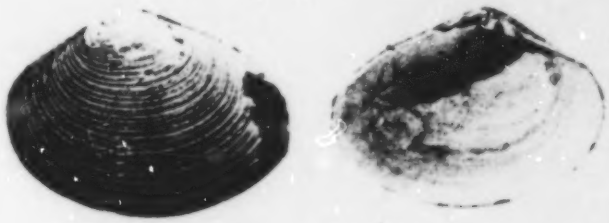
GSC Type No. 55283, Bay of Fundy, length 45.9 mm



Superfamily VENERACEA Rafinesque, 1815
Family VENERIDAE Rafinesque, 1815
Subfamily TAPETINAE H. and A. Adams, 1857
Genus *Liocyma* Dall, 1870
Liocyma fluctuosa (Gould)

= *Venus fluctuosa* Gould, 1841, A report on the Invertebrata of Massachusetts, p. 87, fig. 50.
Liocyma brunnea Dall, 1902 [probably a synonym]

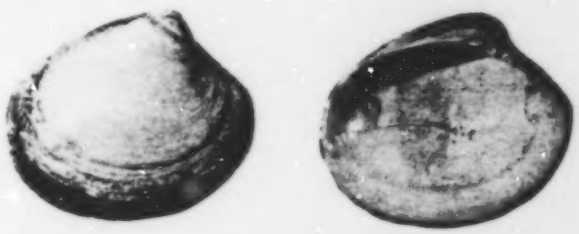
GSC Type No. 55284, Baie des Chaleurs, length 15.9 mm



Subfamily PITARINAE Stewart, 1930
Genus *Pitar* Römer, 1857
Pitar morrhuanus (Linsley)

= *Cytherea morrhuana* Linsley, 1848, American Journal of Science, v. 48, p. 276.

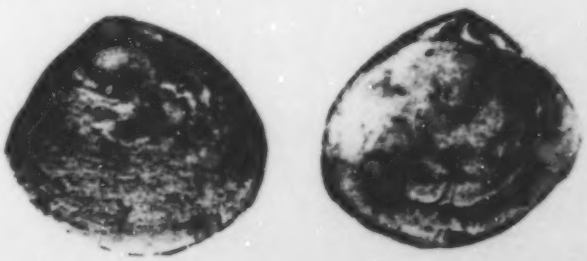
GSC Type No. 55285, Miramichi, length 17.9 mm



Subfamily GEMMINAE Dall, 1902
Genus *Gemma* Deshayes, 1853
Gemma gemma (Totten)

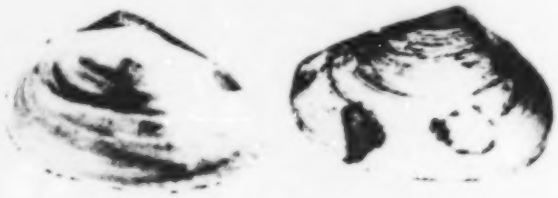
= *Venus gemma* Totten, 1834, American Journal of Science, v. 26, p. 367.

GSC Type No. 55286, Strait of Canso, length 2.5 mm



Order MYOIDA Stoliczka, 1870
Superfamily Myacea Lamarck, 1809
Family MYIDAE Lamarck, 1809
Genus *Mya* Linné, 1758
Subgenus *Mya* Linné, 1758
Mya (Mya) pseudoarenaria Schlesch

= *M. pseudoarenaria* Schlesch, 1931, Beitrag zur Kenntnis der Marinen Mollusken-Fauna Islands. 2. Studien über Mya-Arten: Arch. Molluskenk., v. 63, p. 136, pl. 13, fig. 10-12.
Mya intermedia Dall, 1898 [in part, not *M. intermedia* Sowerby, 1814]
Mya truncata forma *ovata* Jensen, 1900 [not *Mya ovata* Donovan, 1802]



GSC Type No. 55287,
Beaufort Sea,
length 12.6 mm

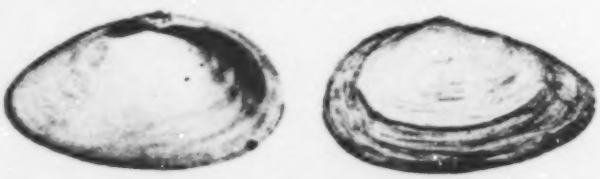
Mya (Mya) truncata Linné

= *M. truncata* Linné, 1758, Systema naturae, ed. 10, p. 670.
Mya ovalis Turton, 1822
Mya swainsoni Turton, 1822
Mya pullus Sowerby, 1826
Mya truncata uddevalensis Forbes, 1846
Mya praeciso Gould, 1850
Mya abbreviata Jeffreys, 1865

GSC Type No. 55288,
Beaufort Sea,
length 45.6 mm

Subgenus *Arenomya* Winckworth, 1930
Mya (Arenomya) arenaria Linné

= *M. arenaria* Linné, 1758, Systema Naturae, ed. 10, p. 670.

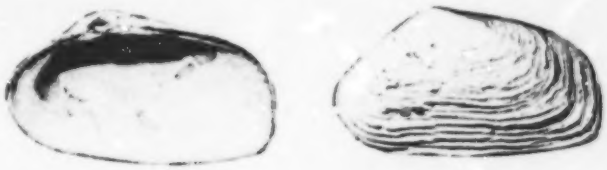


GSC Type No. 55289,
Strait of Canso,
length 40.5 mm

Superfamily HIATELLACEA Gray, 1824
Family HIATELLIDAE Gray, 1824
Genus *Hiatella* Bosc (*ex* Daudin MS), 1801
Hiatella arctica (Linné)

Mya arctica Linné, 1767, Systema Naturae, ed. 12, v. 1, pt. 2, p. 1113.
Saxicava arctica Linné, 1767
Saxicava rugosa Linné, 1767
Saxicava pholadis Linné, 1767
Didonta bicarinata Schumacher, 1817
Saxicava ungana Grewingk, 1850
Saxicava orientalis Yokoyama, 1920
Hiatella sakhalinensis Oyama, Mizuno and Sakamoto, 1960

GSC Type No. 55290, Beaufort Sea, length 28.7 mm



Genus *Cyrtodaria* Reuss, 1801
Cyrtodaria kurriana Dunker

= *C. kurriana* Dunker, 1862, Malak. Blatt., p. 38.

GSC Type No. 55291, Beaufort Sea, length 20.0 mm

Genus *Panomya* Gray, 1857
Panomya arctica (Lamarck)

= *Mya*[?] *arctica* Lamarck, 1818, Histoire naturelle des animaux sans vertèbres, v. 5, p. 458.
Mya norvegica Spengler, 1793 [not *Mya norwegica* Gmelin, 1791]
Mya turgida Dall, 1916

GSC Type No. 55292, Baie des Chaleurs, length 37.7 mm

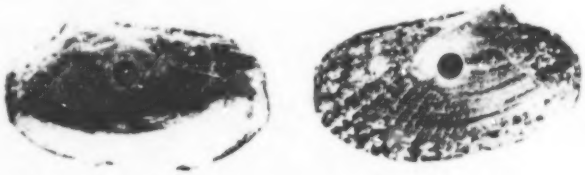
Subclass **Anomalodesmata** Dall, 1889
Order **PHOLADOMYOIDA** Newell, 1965
Suborder ANOMALODESMACEA Dall, 1889
Superfamily PANDORACEA Rafinesque, 1815
Family LYONSIIDAE Fischer, 1887
Genus *Lyonsia* Turton, 1822
Lyonsia arenosa (Möller)

= *Pandorina arenosa* Möller, 1842, Index Molluscorum Groenlandiae, p. 20.
Lyonsia gibbosa Hancock, 1846
Lyonsia (Pandorina) flabellata Gould, 1861
Lyonsia ventricosa Gould, 1861
Lyonsia arenosa sibirica Leche, 1883

GSC Type No. 55293,
Beaufort Sea,
length 19.7 mm

Lyonsia hyalina (Conrad)

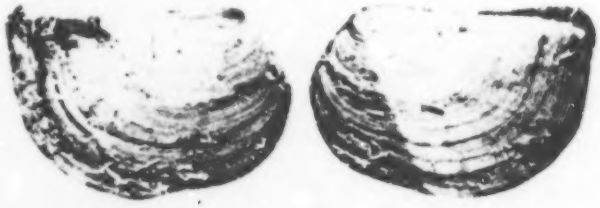
= *Mya hyalina* Conrad, 1831, Journal, Academy of Natural Sciences of Philadelphia, v. 6, p. 261, pl. 11, fig. 12.



GSC Type No. 55294,
Bay of Fundy,
length 5.3 mm

Family PANDORIDAE Rafinesque, 1815
Genus *Pandora* Bruguière, 1797
Subgenus *Clidiophora* Carpenter, 1864
Pandora (Clidiophora) gouldiana Dall

= *P. gouldiana* Dall, 1886, Bulletin Museum of Comparative Zoology, v. 12, p. 312.



GSC Type No. 55295,
Miramichi,
length 27.0 mm

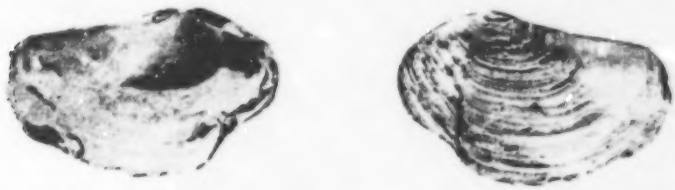
Pandora (Clidiophora) inornata (Verrill and Bush)

= *Clidiophora inornata* Verrill and Bush, 1898, Proceedings, United States National Museum, v. 20, p. 819, pl. 95, fig. 5, 6.

GSC Type No. 55296, Bay of Fundy, length 21.0 mm

Subgenus *Heteroclidus* Dall, 1903
Pandora (Heteroclidus) glacialis Leach

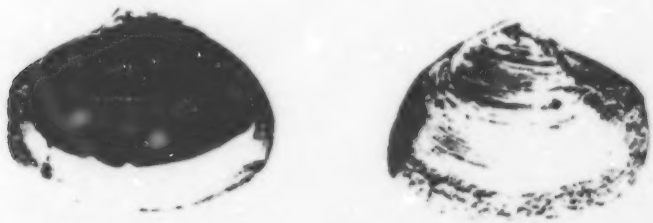
= *P. glacialis* Leach, *in* Ross, 1819, Voyage of discovery . . . in His Majesty's ships *Isabella* and *Alexander* (in 1818) . . .; London, p. 174.
Pandora eutaenia Dall, 1915



GSC Type No. 55297, Beaufort Sea, length 15.7 mm

Family THRACIIDAE Stoliczka, 1870
Genus *Thracia* Sowerby, 1823
Thracia devexa G. Sars

= *T. truncata devexa* G. Sars, 1878, Mollusca regionis arcticae Norvegiae: Christiana, p. 84, pl. 6, fig. 11a, b.



GSC Type No. 55298, Beaufort Sea, length 29.4 mm

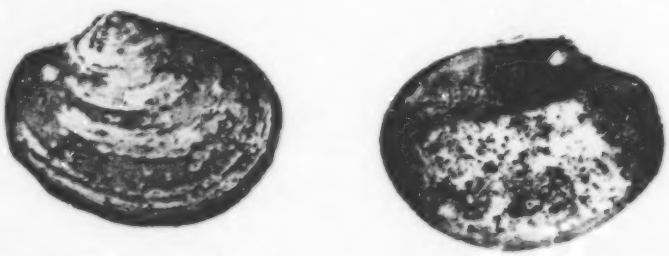
Thracia septentrionalis Jeffreys

= *T. septentrionalis* Jeffreys, 1872, Annals and Magazine of Natural History, ser. 4, vol. 10, p. 238.
Thracia truncata Mighels and Adams, 1842 [not Brown, 1827]

GSC Type No. 55299, Bay of Fundy, length 14.0 mm

Family PERIPLOMATIDAE Dall, 1895
Genus *Periploma* Schumacher, 1817
Periploma fragile (Totten)

= *Anatina fragilis* Totten, 1835, American Journal of Science, v. 28, p. 347.



GSC Type No. 55300, Gulf of Maine, length 9.5 mm

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